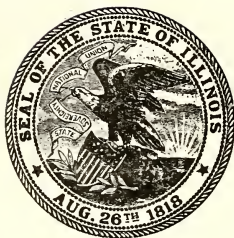




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ERRATA.

HOLMES SAFETY AWARDS.

In addition to the Holmes Safety Award mentioned on Page 115 as having been made to the Valier Coal Company, the coal industry of Illinois has been honored by a similar award to Mine No. 1 of the Bell & Zoller Coal & Mining Company, of Zeigler.

The award reads in part as follows:

"For having operated from December 5, 1930 to December 7, 1934, without an underground fatality and in that time produced 3,084,565 tons of coal in 3,154,605 man-hours of work."

This is a well deserved tribute to an organization which has been among the leaders in the industry in Illinois in teaching and practicing the doctrine of safety. The Department heartily congratulates the officers and men of Bell & Zoller.

In addition, an individual safety award of the Holmes Safety Association was made to Thomas Howard, face boss at No. 2 mine of the Bell & Zoller Coal & Mining Company at Zeigler, who has worked for more than fifty years without having suffered an injury of any sort that would cause him to lose time from his duties. Congratulations, Mr. Howard.

Table 3—Page 283—Omit fatal accident for Terry & Lewis Sand & Gravel Co., and in total.

Table 8—Page 287—Omit fatal accident in Henderson County and in total.

Table 11—Page 289—Omit fatal accident in Limestone and reduce total to one.

FIFTY-THIRD

Coal Report of Illinois

1934

HENRY HORNER,
Governor

DEPARTMENT OF MINES AND MINERALS



JAMES McSHERRY, Director
Springfield

ENOCH MARTIN, Assistant Director
Springfield

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HON. HENRY HORNER
Governor

LETTER OF TRANSMITTAL.

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS,
SPRINGFIELD, ILL., July 1, 1935.

To His Excellency, Henry Horner, Governor, State of Illinois, Springfield.

SIR: I have the honor to submit herewith the Fifty-third Annual Coal Report of the State of Illinois for the year ending December 31, 1934, with which are also included the reports of all other divisions of the Department of Mines and Minerals.

Respectfully submitted,

JAMES MCSHERRY, *Director.*

DEPARTMENT OF MINES AND MINERALS.

JAMES MCSHERRY, *Director*,
Phone Capitol 1400, Station 536,
Springfield, Illinois.
ENOCH MARTIN, *Assistant Director*,
Phone Capitol 1400, Station 537,
Springfield, Illinois.

STATE MINING BOARD.

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L. A. WASSON, *Mine Officer*, Harrisburg, Illinois, Phone 120 or 175.
J. W. STARKS, *Mine Officer*, 803 W. Poplar, Taylorville, Illinois,
Phone 598.
PETER H. PROCTOR, *Mine Officer*, 1116 E. Bluff, Marseilles, Illinois,
Phone Red 280.
GEORGE A. KNOX, *Secretary*, 6 Helston Place, Hillsboro, Illinois,
Phone 335L.

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DuQuoin—JOSEPH MORRIS, Supt., 11 S. Mulberry, Phone Main 36.
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Herrin—LEO CHITTY, Supt., 106 E. Walnut St., Phone 5401.
Johnston City—HOUSTON W. WEBB, Supt., 608 Adams St., Phone
8-5 R2.
LaSalle—LARRY MCGONIGAL, Supt., 245 Buck St., Phone 27.
Springfield—JAMES CLUSKER, Supt., 6th and Princeton, Phone Main
1159.

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JOHN RANCILIO, *Member*, 320 N. 16th St., Herrin, Illinois.
JOHN B. SCHMACKER, *Member*, 449 S. Chestnut St., Collinsville, Illinois.

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CURTIS MUNDELL, *Secretary*, West Frankfort, Illinois.
H. V. BOWMAN, Danville, Illinois.
F. W. HECKENKAMP, Quincy, Illinois.
J. E. POLING, care Aldis & Company, 1245 Monadnock Block, Chicago,
Illinois.
JOHN E. JONES, care Old Ben Coal Corporation, Benton, Illinois.
JAMES F. McELWEE, SR., Pere Marquette Hotel, Peoria, Illinois.
HENRY VAUGHN, Harrisburg, Illinois.
THOMAS GAFFIGAN, 901 N. Seventh Street, Springfield, Illinois.

STATE INSPECTORS OF MINES, AND COUNTIES COMPRISING THEIR DISTRICTS.

First District—Bureau, Grundy, Henry, Kendall, Kankakee, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will Counties.
JOSEPH B. CASASSA, *Inspector*, 209 W. Dakota St., Spring Valley.

Second District—Marshall, McLean, Peoria, Stark, Tazewell and Woodford Counties.
GEORGE H. DEEMY, *Inspector*, 511 Laura St., Peoria.

Third District—Adams, Brown, Fulton, Hancock, Henderson, Knox, Mason, McDonough, Schuyler and Warren Counties.
F. M. GUTHRIE, *Inspector*, 347 E. Fulton St., Farmington.

Fourth District—Cass, Christian, Logan, Menard, Morgan, Pike, Sangamon and Scott Counties.
HARRY ROBERTS, *Inspector*, Edinburg.

Fifth District—Champaign, Coles, DeWitt, Douglas, Edgar, Ford, Iroquois, Macon, Moultrie, Piatt and Vermilion Counties.
THOMAS McKENNA, *Inspector*, 1307 N. Gilbert St., Danville.

Sixth District—Calhoun, Greene, Jersey, Macoupin, Montgomery and Shelby Counties.
JOSEPH FIRTH, JR., *Inspector*, Benld.

Seventh District—Bond, Clark, Clay, Crawford, Cumberland, Effingham, Fayette, Jasper, Lawrence, Madison, Marion and Richland Counties.
T. ALVIN SCULLY, *Inspector*, Troy.

Eighth District—Clinton, Monroe and St. Clair Counties.
DAVID T. STUART, *Inspector*, 116 N. Missouri Ave., Belleville.

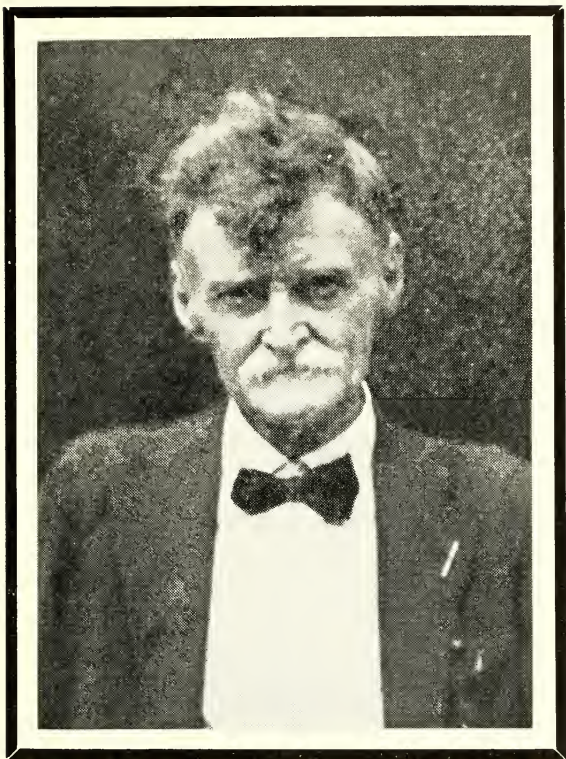
Ninth District—Jackson, Perry, Randolph and Washington Counties.
LEONARD FORESTER, *Inspector*, Percy.

Tenth District—Franklin and Jefferson Counties.
WILLIAM J. JOHNSON, *Inspector*, 403 S. Thomas St., Christopher.

Eleventh District—Edwards, Gallatin, Hamilton, Hardin, Pope, Saline, Wabash, Wayne and White Counties.
LOREN A. BELT, *Inspector*, 117 S. Mill St., Harrisburg.

Twelfth District—Alexander, Johnson, Massac, Pulaski, Union and Williamson Counties.
FRED SCHOONOVER, *Inspector*, Route No. 1, Cartersville.

In Memoriam



1861—WILLIAM PRESTON ASA—1934

A half century of public service, thirty years of which was spent as Chief Clerk and Statistician of the State Department of Mines and Minerals, was the record of William Preston Asa, loyal, capable, honest co-worker, whose host of friends mourn his death, which occurred August 22, 1934. Thirty annual Coal Reports, similar to this containing a tribute to Mr. Asa, were published under his supervision.

Born November 14, 1861, in Union County, Illinois, Mr. Asa moved to Franklin County when a young man, teaching school for sixteen years. He was one of the first teachers in the County to command a salary of forty dollars per month, considered unusually high in those early days for a teacher. In 1896 he was elected County Clerk of Franklin County to fill an unexpired term and was re-elected in 1898 for four years. In 1902 he was Franklin County's nominee for the General Assembly, but failed to receive the nomination in Convention. Governor Richard Yates appointed Mr. Asa to his first State position, in the Department of Labor Statistics, in 1904. Later, with the establishment of the Department of Mines and Minerals as a separate Code Department, Mr. Asa served as Department Chief Clerk, Statistician and Chief Clerk of the State Mining Board. These positions he held until his death.

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FIFTY-THIRD ANNUAL COAL REPORT.

INTRODUCTION.

Herewith is presented the fifty-third annual report of the coal industry of Illinois, together with reports of all other industries which come under the supervision of the Department of Mines and Minerals.

In many respects production figures for 1934 compare quite favorably with those of the four previous years, and wherever possible comparative tables have been compiled for study.

Fortunately the coal industry in Illinois has gone through the second successive year without a major disaster; and while there was an increase in 1934 in the number of fatalities and compensable non-fatal accidents in coal mines, there seems to be an awakening interest among coal miners and coal operators in the matter of safety, as evidenced by the increase in the number of men in the industry who were trained in first aid and mine rescue work at our Illinois mine rescue stations, and the Department takes this opportunity to compliment operators and miners alike for their cooperation in an effort to improve the accident record of the industry.

The following table is a comparison with 1933 of mines operated and tonnage produced.

TABLE A—MINES AND PRODUCTION.

| Mines. | 1933 | | 1934 | | Increase (+); Decrease (—). | | Percent of— Increase (+); Decrease (—). | |
|---------------|--------|------------|--------|------------|--------------------------------|------------|---|-------|
| | Mines. | Tons. | Mines. | Tons. | Mines. | Tons. | Mines. | Tons. |
| Shipping..... | 159 | 35,390,677 | 172 | 38,655,527 | +13 | +3,264,850 | +8.2 | +9.2 |
| Local..... | 1,107 | 2,929,448 | 1,175 | 3,068,551 | +68 | +139,103 | +6.1 | +4.7 |
| Total..... | 1,266 | 38,320,125 | 1,347 | 41,724,078 | +81 | +3,403,953 | +6.4 | +8.9 |

Table B, below, is a comparison with 1933 of working time, from which it will be seen that shipping mines in Illinois operated an average of sixteen days more than in 1933, a gain of 12.2 for the year 1934.

TABLE B—WORKING TIME.

| Mines. | Average days worked. | | | |
|---------------|----------------------|------|--------------------------------|---|
| | 1933 | 1934 | Increase (+); Decrease (—). | Percent of— Increase (+); Decrease (—). |
| Shipping..... | 131 | 147 | +16 | +12.2 |
| Local..... | 118 | 118 | — | — |
| Total..... | 119 | 122 | +3 | +2.5 |

From Table C, below, it will be seen that there was a gain of 283 in the number of men employed in shipping mines and a gain of 752 in the number of men employed in local mines, or a total gain of 1,035 men employed in the coal industry in 1934 as compared with 1933.

TABLE C—EMPLOYEES.

| Mines. | Number employed. | | Gain (+); Loss (—). | Percent of— Gain (+); Loss (—). |
|---------------|------------------|--------|------------------------|---------------------------------------|
| | 1933 | 1934 | | |
| Shipping..... | 40,660 | 40,943 | +283 | +0.7 |
| Local..... | 7,804 | 8,556 | +752 | +9.6 |
| Total..... | 48,464 | 49,499 | +1,035 | +2.1 |

MINES WHERE EMPLOYEES DIVIDED WORKING TIME.

| Name of operator. | Employees. | |
|---|------------|-------------|
| | Working. | On payroll. |
| Canton Coal Co..... | 153 | 284 |
| Carterville Mining & Engineering Co..... | 13 | 16 |
| Consolidated Coal Co. of St. Louis, No. 7..... | 330 | 413 |
| Consolidated Coal Co. of St. Louis, No. 15..... | 399 | 565 |
| Coulterville Coal Co..... | 133 | 187 |
| Franco Mining Corp..... | 265 | 300 |
| Franklin County Coal Co., Inc., No. 5..... | 568 | 571 |
| Franklin County Coal Co., Inc., No. 7..... | 451 | 551 |
| Gillespie Coal Co..... | 185 | 218 |
| Hillsboro Coal Co..... | 164 | 231 |
| Illmo Coal Co..... | 31 | 35 |
| Indiana & Illinois Coal Corp., No. 10..... | 364 | 565 |
| The Livingston & Mt. Olive Coal Co., No. 1..... | 217 | 349 |
| Lumaghi Coal Co., No. 2..... | 279 | 366 |
| Marion County Coal Co..... | 249 | 253 |
| Midland Electric Coal Corp., No. 1..... | 101 | 120 |
| Mt. Olive & Staunton Coal Co., No. 2..... | 367 | 550 |
| Pana Coal Co., No. 1..... | 137 | 192 |
| Panther Creek Mines, Inc., No. 4..... | 412 | 416 |
| Peabody Coal Co., No. 8..... | 515 | 535 |
| Peabody Coal Co., No. 18..... | 466 | 567 |
| Peabody Coal Co., No. 19..... | 545 | 579 |
| Peabody Coal Co., No. 47..... | 767 | 835 |
| Peabody Coal Co., No. 53..... | 319 | 327 |
| Peabody Coal Co., No. 59..... | 347 | 358 |
| Penwell Coal Mining Co..... | 177 | 301 |
| Perry Coal Co., "Carbon"..... | 87 | 111 |
| Perry Coal Co., "St. Ellen"..... | 190 | 235 |
| St. Louis Coal Co..... | 155 | 199 |
| Superior Coal Co., No. 1..... | 447 | 565 |
| Superior Coal Co., No. 2..... | 472 | 645 |
| Superior Coal Co., No. 3..... | 480 | 635 |
| Superior Coal Co., No. 4..... | 249 | 339 |
| United States Fuel Co., "Bun"..... | 1,154 | 1,581 |
| Winkle Coal Co..... | 52 | 95 |
| 1934—35 mines..... | 11,240 | 14,139 |
| 1933—28 mines..... | 8,129 | 11,287 |

MECHANICAL LOADING.

The record of mechanical loading in Illinois coal mines for the past eight years is set forth below:

TABLE D—MECHANICAL LOADING.

| Year. | Entire output. | | | Part of output. | | | Total. | | | Per cent of— | |
|-----------|----------------|-----------|------------|-----------------|-----------|------------|--------|-----------|------------|--------------|-------|
| | Mines. | Machines. | Tons. | Mines. | Machines. | Tons. | Mines. | Machines. | Tons. | Mines. | Tons. |
| 1927----- | 6 | 64 | 1,172,121 | 15 | 65 | 485,737 | 21 | 129 | 1,657,858 | 8.7 | 3.7 |
| 1928----- | 17 | 177 | 2,299,720 | 37 | 875 | 4,442,434 | 54 | 1,052 | 6,742,154 | 23.0 | 13.5 |
| 1929----- | 22 | 603 | 5,862,615 | 51 | 1,525 | 11,947,753 | 73 | 2,128 | 17,810,368 | 30.9 | 33.1 |
| 1930----- | 31 | 1,307 | 13,583,912 | 38 | 931 | 9,666,169 | 69 | 2,238 | 23,250,081 | 40.0 | 50.8 |
| 1931----- | 36 | 1,504 | 15,138,330 | 38 | 910 | 7,307,474 | 74 | 2,414 | 22,445,804 | 49.0 | 61.4 |
| 1932----- | 41 | 1,702 | 10,899,565 | 27 | 578 | 4,513,091 | 68 | 2,280 | 15,412,656 | 42.0 | 49.1 |
| 1933----- | 32 | 1,313 | 13,344,573 | 19 | 439 | 4,421,643 | 51 | 1,752 | 17,766,216 | 32.1 | 50.2 |
| 1934----- | 32 | 1,364 | 15,107,934 | 16 | 257 | 3,492,240 | 48 | 1,621 | 18,600,174 | 27.9 | 48.1 |

Table E, below sets forth the statistics compiled by the department on machine mining for the period 1927 to 1934, inclusive.

TABLE E—MACHINE MINING.

| Year. | Entire output. | | | Part of output. | | | Total. | | | Per cent of— | |
|-----------|----------------|-----------|------------|-----------------|-----------|------------|--------|-----------|------------|--------------|-------|
| | Mines. | Machines. | Tons. | Mines. | Machines. | Tons. | Mines. | Machines. | Tons. | Mines. | Tons. |
| 1927----- | 100 | 1,539 | 20,987,579 | 51 | 858 | 15,454,540 | 151 | 2,397 | 36,442,119 | 62.7 | 81.1 |
| 1928----- | 84 | 1,245 | 25,134,248 | 55 | 813 | 19,506,953 | 139 | 2,058 | 44,641,201 | 67.5 | 82.2 |
| 1929----- | 92 | 1,324 | 31,883,147 | 47 | 665 | 18,476,517 | 139 | 1,989 | 50,359,664 | 69.5 | 85.2 |
| 1930----- | 90 | 1,100 | 29,629,055 | 37 | 506 | 13,082,958 | 127 | 1,606 | 32,712,013 | 68.6 | 62.9 |
| 1931----- | 85 | 1,103 | 28,190,836 | 26 | 282 | 5,425,234 | 111 | 1,385 | 33,616,070 | 66.5 | 78.0 |
| 1932----- | 81 | 989 | 19,599,599 | 21 | 155 | 2,986,486 | 102 | 1,144 | 22,586,085 | 63.0 | 71.9 |
| 1933----- | 79 | 905 | 25,237,315 | 15 | 109 | 2,015,606 | 94 | 1,014 | 27,252,921 | 59.1 | 77.0 |
| 1934----- | 87 | 929 | 27,321,330 | 14 | 113 | 2,411,683 | 101 | 1,042 | 29,733,013 | 58.7 | 76.9 |

ACCIDENTS.

Comparative statistics of fatal and non-fatal accidents are shown in Table F, below, for the eight-year period 1927-1934.

TABLE F—ACCIDENTS.

| Year. | Accidents. | | Tons mined to one— | | Employees to one— | | Man days to one— | |
|-----------|------------|------------|--------------------|------------|-------------------|------------|------------------|------------|
| | Fatal. | Non-fatal. | Fatal. | Non-fatal. | Fatal. | Non-fatal. | Fatal. | Non-fatal. |
| 1927----- | 106 | 1,398 | 442,922 | 33,583 | 741 | 56 | 88,208 | 6,688 |
| 1928----- | 139 | 5,785 | 404,396 | 9,392 | 471 | 11 | 62,209 | 1,495 |
| 1929----- | 109 | 6,621 | 560,805 | 9,232 | 538 | 9 | 71,498 | 1,177 |
| 1930----- | 112 | 5,106 | 482,456 | 10,580 | 500 | 11 | 61,012 | 1,338 |
| 1931----- | 90 | 3,800 | 501,696 | 11,854 | 595 | 14 | 75,565 | 1,790 |
| 1932----- | 114 | 2,643 | 299,205 | 12,884 | 452 | 19 | 56,076 | 2,418 |
| 1933----- | 71 | 3,018 | 539,720 | 12,697 | 683 | 16 | 81,228 | 1,911 |
| 1934----- | 86 | 3,133 | 485,164 | 13,318 | 576 | 16 | 70,220 | 1,928 |

SHIPPING MINES NOT OPERATED IN 1934, SHOWING DATE OF LAST OPERATION.

| Name of operator. | Location of mine. | | Date last operated. | |
|--|-------------------|-----------------|---------------------|-------|
| | District. | County. | Month. | Year. |
| Alcoa Ore Co..... | 8 | St. Clair..... | March..... | 1932 |
| Breese Trenton Mining Co..... | 8 | Clinton..... | December..... | 1931 |
| Brewerton Coal Co., No. 92..... | 4 | Logan..... | February..... | 1933 |
| Chicago, Wilmington & Franklin Coal Co., Benton No. 1..... | 10 | Franklin..... | January..... | 1925 |
| Chicago, Wilmington & Franklin Coal Co., Benton No. 2..... | 10 | Franklin..... | March..... | 1923 |
| Chicago, Wilmington & Franklin Coal Co., No. 1..... | 4 | Sangamon..... | March..... | 1924 |
| Consolidated Coal Co., No. 7..... | 6 | Macoupin..... | February..... | 1930 |
| Consolidated Coal Co., No. 8..... | 12 | Williamson..... | March..... | 1924 |
| Consolidated Coal Co., "L. C."..... | 12 | Williamson..... | December..... | 1928 |
| Cosgrove Meehan Coal Co., No. 2..... | 12 | Williamson..... | March..... | 1929 |
| Cosgrove Meehan Coal Co., No. 3..... | 12 | Williamson..... | February..... | 1933 |
| Cosgrove Meehan Coal Co., No. 5..... | 6 | Montgomery..... | March..... | 1933 |
| Henrietta Coal Co., "H. T."..... | 7 | Madison..... | July..... | 1931 |
| Illinois Coal Corp., No. 10..... | 10 | Jefferson..... | December..... | 1927 |
| Illinois Saline Coal Co..... | 11 | Gallatin..... | December..... | 1930 |
| Indiana & Illinois Coal Corp., No. 12..... | 6 | Montgomery..... | February..... | 1925 |
| Indiana & Illinois Coal Corp., No. 14..... | 6 | Montgomery..... | June..... | 1921 |
| Jackson Coal Co..... | 9 | Jackson..... | April..... | 1924 |
| Little Muddy Coal Co..... | 9 | Jackson..... | July..... | 1933 |
| Lovington Coal Mining Co..... | 5 | Moultrie..... | May..... | 1924 |
| Lumachi Coal Co., No. 3..... | 7 | Madison..... | March..... | 1927 |
| Madison Coal Corp., No. 2..... | 7 | Madison..... | February..... | 1931 |
| Madison Coal Corp., No. 6..... | 4 | Sangamon..... | March..... | 1924 |
| Madison Coal Corp., No. 12..... | 12 | Williamson..... | March..... | 1931 |
| Old Ben Coal Corp., No. 9..... | 10 | Franklin..... | December..... | 1927 |
| Old Ben Coal Corp., No. 10..... | 10 | Franklin..... | January..... | 1925 |
| Old Ben Coal Corp., No. 11..... | 10 | Franklin..... | January..... | 1931 |
| Old Ben Coal Corp., No. 12..... | 10 | Franklin..... | March..... | 1929 |
| Old Ben Coal Corp., No. 16..... | 10 | Franklin..... | November..... | 1923 |
| Old Ben Coal Corp., No. 19..... | 10 | Franklin..... | March..... | 1923 |
| Old Ben Coal Corp., No. 20..... | 12 | Williamson..... | March..... | 1927 |
| Pana Coal Co., No. 2..... | 4 | Christian..... | December..... | 1928 |
| Panther Creek Mines, Inc., No. 1..... | 4 | Sangamon..... | December..... | 1932 |
| Panther Creek Mines, Inc., No. 3..... | 4 | Sangamon..... | February..... | 1931 |
| Peabody Coal Co., No. 6..... | 4 | Sangamon..... | March..... | 1927 |
| Peabody Coal Co., No. 21..... | 4 | Christian..... | April..... | 1924 |
| Peabody Coal Co., No. 42..... | 11 | Saline..... | May..... | 1925 |
| Peabody Coal Co., No. 43..... | 11 | Saline..... | October..... | 1933 |
| Peabody Coal Co., No. 44..... | 11 | Saline..... | June..... | 1923 |
| Peabody Coal Co., No. 46..... | 11 | Saline..... | April..... | 1923 |
| Peabody Coal Co., No. 52..... | 4 | Sangamon..... | March..... | 1932 |
| Peabody Coal Co., No. 54..... | 4 | Sangamon..... | February..... | 1926 |
| Peabody Coal Co., No. 55..... | 4 | Sangamon..... | March..... | 1930 |
| Perry Coal Co., "Taylor"..... | 8 | St. Clair..... | January..... | 1932 |
| Sahara Coal Co., No. 8..... | 11 | Saline..... | March..... | 1927 |
| Sahara Coal Co., No. 15..... | 11 | Saline..... | December..... | 1927 |
| Skaggs Coal Co..... | 12 | Williamson..... | January..... | 1931 |
| Southern Coal, Coke & Mining Co., No. 8..... | 8 | St. Clair..... | April..... | 1928 |
| Standard Oil Co., No. 1..... | 6 | Macoupin..... | November..... | 1923 |
| Standard Oil Co., No. 2..... | 6 | Macoupin..... | January..... | 1925 |
| Summit Coal Co..... | 8 | St. Clair..... | December..... | 1933 |
| United States Fuel Co., "M. F."..... | 10 | Franklin..... | July..... | 1924 |
| United States Fuel Co., "Verm"..... | 5 | Vermilion..... | March..... | 1932 |
| Wasson Coal Co., No. 2..... | 11 | Saline..... | January..... | 1932 |

SHIPPING MINES NOT OPERATED IN 1934, SUMMARY BY COUNTIES.

| | | | | | |
|----------------|---|-----------------|---|-----------------|---|
| Christian..... | 2 | Jefferson..... | 1 | Moultrie..... | 1 |
| Clinton..... | 1 | Logan..... | 1 | St. Clair..... | 4 |
| Franklin..... | 9 | Macoupin..... | 3 | Saline..... | 7 |
| Gallatin..... | 1 | Madison..... | 3 | Sangamon..... | 8 |
| Jackson..... | 2 | Montgomery..... | 3 | Vermilion..... | 1 |
| | | | | Williamson..... | 7 |

COMPARATIVE ANNUAL PRODUCTION FIGURES 1934 AND FOUR PREVIOUS YEARS.

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|--------------------|-------------|-------------|-------------|-------------|-------------|
| Illinois..... | 41,724,078 | 38,320,125 | 34,120,786 | 45,152,623 | 54,035,116 |
| Indiana..... | a14,820,000 | a13,500,000 | a12,400,000 | 14,295,165 | 16,489,962 |
| Kentucky..... | a38,068,000 | a35,530,000 | a35,610,000 | 40,238,803 | 51,208,905 |
| Pennsylvania..... | a89,223,000 | a79,770,000 | a76,028,000 | 97,658,698 | 123,417,850 |
| West Virginia..... | a98,190,000 | a90,770,000 | a83,765,000 | 101,473,172 | 122,473,172 |

(a) Estimated by U. S. Bureau of Mines.

DIRECTORY OF

| No. | Name of operator and mine. | Location of mine. | | |
|-----|--|-------------------|------------|----------------|
| | | District. | County. | Post office. |
| 1 | Bailey Bros. | 9 | Perry | DuQuoin |
| 2 | Beaucoup Coal Co. | 9 | Perry | Pinckneyville |
| 3 | Beckemeyer Coal Co. | 8 | Clinton | Beckemeyer |
| 4 | Bell & Zoller Coal Co., No. 1 | 10 | Franklin | Zeigler |
| 5 | Bell & Zoller Coal Co., No. 2 | 10 | Franklin | Zeigler |
| 6 | Biby Coal Co. | 9 | Perry | Pinckneyville |
| 7 | Blakley Coal Co. | 3 | Fulton | Canton |
| 8 | Blue Bird Coal Co. | 11 | Saline | Carrier Mills |
| 9 | Blue Hill Coal Co. | 12 | Williamson | Marion |
| 10 | Bois Coal Co. | 9 | Washington | Dubois |
| 11 | Brewerton Coal Co., No. 22 | 10 | Franklin | Sesser |
| 12 | Briar Hill Coal Mining Co., No. 45 | 9 | Perry | Pinckneyville |
| 13 | Buffalo Rock Coal Co. | 1 | LaSalle | Ottawa |
| 14 | Bullock Mining Co. | 7 | Madison | Collinsville |
| 15 | Canton Coal Co. | 3 | Fulton | Canton |
| 16 | Carbon Fuel Co. | 12 | Williamson | Marion |
| 17 | Carterville Mining & Engineering Co. | 12 | Williamson | Cambria |
| 18 | Carterville Peacock Coal Co., No. 2 | 12 | Williamson | Harrisburg |
| 19 | Central Illinois Coal Mining Co., "A" | 4 | Sangamon | Springfield |
| 20 | Centralia Coal Co., No. 5 | 9 | Washington | Centralia |
| 21 | Chicago, Wilmington & Franklin Coal Co., No. 1 | 10 | Franklin | Orient |
| 22 | Chicago, Wilmington & Franklin Coal Co., No. 2 | 10 | Franklin | West Frankfort |
| 23 | Chicopee Coal Co., No. 1 | 7 | Madison | Troy |
| 24 | Citizens Coal Co., "E" | 8 | Clinton | Breeze |
| 25 | City Lake Coal Co. | 12 | Williamson | Herrin |
| 26 | Clarkson Coal & Mining Co. | 9 | Washington | Nashville |
| 27 | Coal Stripping Co., No. 1 | 9 | Perry | Pinckneyville |
| 28 | Coal Stripping Co., No. 2 | 5 | Vermilion | Danville |
| 29 | Conant Coal Co. | 9 | Perry | Conant |
| 30 | Consolidated Coal Co. of St. Louis, No. 7 | 12 | Williamson | Herrin |
| 31 | Consolidated Coal Co. of St. Louis, No. 15 | 6 | Macoupin | Mt. Olive |
| 32 | Consumers Coal & Materials Co. | 12 | Williamson | Marion |
| 33 | Coulterville Coal Co. | 9 | Perry | Coulterville |
| 34 | Crerar-Clinch Coal Co., No. 14 | 9 | Perry | DuQuoin |
| 35 | Crerar-Clinch Coal Co., No. 15 | 9 | Perry | DuQuoin |
| 36 | Crescent Mining Co., No. 1 | 2 | Peoria | Peoria |
| 37 | Crescent Mining Co., No. 6 | 2 | Peoria | Peoria |
| 38 | Cutler Coal Co., Inc. | 9 | Perry | Cutler |
| 39 | Dorthel Coal Co., No. 1 | 2 | Peoria | Hanna City |
| 40 | Dorthel Coal Co., No. 2 | 3 | Fulton | Farmington |
| 41 | Dorthel Coal Co., No. 3 | 3 | Fulton | Farmington |
| 42 | Eldnar Coal Co. | 8 | St. Clair | Belleville |
| 43 | Erie Sootless Coal Co. | 6 | Shelby | Moweaqua |
| 44 | Forsyth Carterville Coal Co. | 12 | Williamson | Carterville |
| 45 | Franco Mining Corp. | 12 | Williamson | Johnston City |
| 46 | Franklin County Coal Co., Inc., No. 5 | 10 | Franklin | Herrin |
| 47 | Franklin County Coal Co., Inc., No. 7 | 10 | Franklin | Royalton |
| 48 | Franklin Mining Co. | 10 | Franklin | Benton |
| 49 | Freeburg Coal Co. | 8 | St. Clair | Freeburg |
| 50 | Freeman Coal Mining Co. | 12 | Williamson | Herrin |
| 51 | Galesburg Mining Co., No. 1 | 3 | Knox | Galesburg |
| 52 | Gill Coal Corp. | 8 | St. Clair | Marissa |
| 53 | Gillespie Coal Co. | 6 | Macoupin | Gillespie |
| 54 | Glenwood Mining Co., No. 3 | 2 | Peoria | Edwards |
| 55 | Golden Rule Coal Co. | 8 | St. Clair | Lenzburg |
| 56 | Golden Rule Coal Co. | 3 | Fulton | Middle Grove |
| 57 | Groom Coal Co. | 8 | St. Clair | Belleville |
| 58 | Guest Coal Co. | 8 | St. Clair | Belleville |
| 59 | Gundlach Coal Co. | 8 | St. Clair | East St. Louis |
| 60 | Hillsboro Coal Co. | 6 | Montgomery | Hillsboro |
| 61 | Home Coal Co., No. 8 | 9 | Perry | Willisville |
| 62 | Illinois Colliery Co. | 3 | Fulton | Farmington |
| 63 | Illinois-Pocahontas Coal Co. | 7 | Bond | Pocahontas |
| 64 | Illinois Zinc Co., No. 3 | 1 | LaSalle | Peru |
| 65 | Illmo Coal Co. | 9 | Randolph | Sparta |
| 66 | Imperial Coal Co. | 9 | Perry | Tamara |
| 67 | Indiana & Illinois Coal Corp., No. 10 | 6 | Montgomery | Nokomis |
| 68 | Jefferson Coal Mining Co., No. 81 | 4 | Sangamon | Springfield |
| 69 | Jones Bros. Coal Mining Co., No. 1 | 8 | St. Clair | Marissa |

SHIPPING MINES.

| General superintendent. | Superintendent of mine. | Local mine manager. | Address of main office of company. | No. |
|----------------------------|----------------------------|------------------------|---|-----|
| Joe Bailey | Joe Bailey | Joe Bailey | Duquoin, Ill. | 1 |
| H. Taylor | H. Taylor | H. Taylor | Pinckneyville, Ill. | 2 |
| H. H. Timmermann | ..a | Pat Scanlan | Beckemeyer, Ill. | 3 |
| E. L. Berger | Lee Haskins | E. J. Hoey | 307 N. Michigan Ave., Chicago, Ill. | 4 |
| E. L. Berger | Dale Carter | Jas. Daugherty | 307 N. Michigan Ave., Chicago, Ill. | 5 |
| Fred A. Biby | Fred A. Biby | Fred A. Biby | Pinckneyville, Ill. | 6 |
| Wm. Blakley | ..a | Joe Frankovich | R. F. D. No. 4, Canton, Ill. | 7 |
| T. H. Cochran | A. M. Chamness | H. H. Borders | Carrier Mills, Ill. | 8 |
| W. P. Hill | A. Sandner | Sidney Jenkins | Marion, Ill. | 9 |
| J. W. Schwind | ..a | C. E. Mathis | Dubois, Ill. | 10 |
| ..a | Ed Curtis | Richard Mitchell | Sesser, Ill. | 11 |
| ..a | H. E. Willson | Jno. Hoagland | Pinckneyville, Ill. | 12 |
| B. H. Schull | J. M. Hamm | J. M. Hamm | 230 N. Michigan Ave., Chicago, Ill. | 13 |
| ..a | John Reese | Arthur Ohl | Collinsville, Ill. | 14 |
| S. A. Drake | Geo. Martin | Thos. Moorcroft | 20 W. Elm St., Canton, Ill. | 15 |
| Geo. A. Wallace | Roland Wilson | Roland Wilson | Marion, Ill. | 16 |
| M. L. DeRoque | M. L. DeRoque | ..a | Carbondale, Ill. | 17 |
| ..a | ..a | Geo. Crenshaw | Harrisburg, Ill. | 18 |
| ..a | P. J. Dooner | John Keirs | P. O. Box 396, Springfield, Ill. | 19 |
| R. J. Oldham | D. R. Schooler | H. A. Berger | 307 N. Michigan Ave., Chicago, Ill. | 20 |
| H. A. Treadwell | John Rodenbush | James Eadie | 332 S. Michigan Ave., Chicago, Ill. | 21 |
| H. A. Treadwell | John R. Foster | John O'Rourke | 332 S. Michigan Ave., Chicago, Ill. | 22 |
| J. W. Cullen | J. W. Cullen | W. T. Scully | Troy, Ill. | 23 |
| Frank B. Nieman | ..a | Henry Knies | Breese, Ill. | 24 |
| Frank Butcher | Frank Butcher | Frank Butcher | Fullerton Bldg., St. Louis, Mo. | 25 |
| J. L. Clarkson | Sam Day | J. L. Clarkson | Nashville, Ill. | 26 |
| C. W. Woosley | Roy Hartwell | Roy Hartwell | 230 N. Michigan Ave., Chicago, Ill. | 27 |
| A. E. Steiger | Mark Lunn | ..a | P. O. Box 713, Danville, Ill. | 28 |
| F. Howard | F. Howard | F. Howard | Conant, Ill. | 29 |
| G. S. Jenkins | ..a | Robert Bowie | Railway Exchange Bldg., St. Louis, Mo. | 30 |
| B. F. Meyer | ..a | J. D. Neal | 2069 Railway Exchange Bldg., St. Louis, Mo. | 31 |
| ..a | ..a | Algie Biggerstaff | Marion, Ill. | 32 |
| J. M. Varner | J. M. Varner | Chas. McManus | Box B, Coulterville, Ill. | 33 |
| E. S. Mayor | E. S. Mayor | E. B. Dangerfield | 20 N. Wacker Dr., Chicago, Ill. | 34 |
| E. S. Mayor | E. S. Mayor | D. C. Harris | 20 N. Wacker Dr., Chicago, Ill. | 35 |
| W. P. Young | W. P. Young | Harry Wilkinson | 307 N. Michigan Ave., Chicago, Ill. | 36 |
| W. P. Young | W. P. Young | Charles Carson | 307 N. Michigan Ave., Chicago, Ill. | 37 |
| ..a | ..a | W. E. Cox | Cutler, Ill. | 38 |
| R. K. Ronk | R. K. Ronk | David Jones | 8 S. Michigan Ave., Chicago, Ill. | 39 |
| R. K. Ronk | Robt. Taggart | Joe Worthington | 8 S. Michigan Ave., Chicago, Ill. | 40 |
| R. K. Ronk | Robt. Taggart | Thos. Morrow | 8 S. Michigan Ave., Chicago, Ill. | 41 |
| E. Randle | E. Randle | E. Randle | 801 E. B St., Belleville, Ill. | 42 |
| J. F. Hickman | J. F. Hickman | J. F. Hickman | Moweaqua, Ill. | 43 |
| ..a | Milo McCown | Walter Forsyth | 807 Fullerton Bldg., St. Louis, Mo. | 44 |
| O. D. McDaniel | O. D. McDaniel | Wm. Cowell | 310 S. Michigan Ave., Chicago, Ill. | 45 |
| ..a | John White | James Sneddon | 135 S. LaSalle St., Chicago, Ill. | 46 |
| ..a | ..a | Ed O'Neil | 135 S. LaSalle St., Chicago, Ill. | 47 |
| ..a | B. B. Seymour | Sam Fritts | Benton, Ill. | 48 |
| Alex Adams | Alex Adams | Alex Adams | Freeburg, Ill. | 49 |
| F. H. Seymour | F. H. Seymour | W. H. Flynn | 2051 McCormick Bldg., Chicago, Ill. | 50 |
| J. W. Fairbairn | J. W. Fairbairn | Geo. Grindle | 118 E. Main St., Galesburg, Ill. | 51 |
| F. K. Gill | ..a | F. K. Gill | Marissa, Ill. | 52 |
| D. W. Greene | D. W. Greene | Nat Farnsworth | St. Louis, Mo. | 53 |
| R. M. Eyster | R. M. Eyster | T. F. Dickinson | Edwards, Ill. | 54 |
| ..a | ..a | Jos. A. Prediger | Lenzburg, Ill. | 55 |
| ..a | L. L. Foster | L. L. Foster | Middle Grove, Ill. | 56 |
| Robert Groom | Robert Groom | Oscar Peterson | 1096 W. Main St., Freeburg, Ill. | 57 |
| Stephen Guest | James Guest | George Cadman | 4600 W. Main St., Belleville, Ill. | 58 |
| O. E. Schaefer | ..a | Joe Johnson | Edgemont Sta., E. St. Louis, Ill. | 59 |
| Rice W. Miller | Jas. Welsh | Frank Huml | Hillsboro, Ill. | 60 |
| John Balagna | C. W. Peeples | C. W. Peeples | Willisville, Ill. | 61 |
| ..a | John Balagna | Henry Whited | Farmington, Ill. | 62 |
| ..a | Geo. E. Adamson | Geo. Adamson | St. Louis, Mo. | 63 |
| C. A. Joachim | ..a | William Lindsay | 332 S. Michigan Ave., Chicago, Ill. | 64 |
| H. W. Bradbury | ..a | ..a | Sparta, Ill. | 65 |
| Martin Prenwood | ..a | Chas. Killingworth | Tamarca, Ill. | 66 |
| J. J. Fries | J. J. Fries | J. J. Fries | 369 W. Jackson Blvd., Chicago, Ill. | 67 |
| J. B. Archibald | ..a | W. E. Mason | Springfield, Ill. | 68 |
| Chas. Jones | Wm. Jones | Wm. Jones | Marissa, Ill. | 69 |

| No. | Name of operator and mine. | Location of mine. | | |
|-----|--|-------------------|-----------------|---------------------|
| | | Dis- trict. | County. | Post office. |
| 70 | Jones Bros. Coal Mining Co., No. 2..... | 9 | Randolph..... | Marissa..... |
| 71 | Lake Erie Mining Co..... | 2 | Tazewell..... | Peoria..... |
| 72 | Lenzburg Coal Co..... | 8 | St. Clair..... | Lenzburg..... |
| 73 | Living & Smith..... | 3 | Fulton..... | Canton..... |
| 74 | Livingston-Mt. Olive Coal Co., No. 1..... | 7 | Madison..... | Livingston..... |
| 75 | Lumaghi Coal Co., No. 2..... | 7 | Madison..... | Collinsville..... |
| 76 | Macon County Coal Co..... | 5 | Macon..... | Decatur..... |
| 77 | Madison County Coal & Mining Co..... | 7 | Madison..... | Edwardsville..... |
| 78 | Marion County Coal Co..... | 7 | Marion..... | Centralia..... |
| 79 | Midland Electric Coal Corp., No. 1..... | 1 | Henry..... | Atkinson..... |
| 80 | Midland Electric Coal Corp., No. 2..... | 3 | Fulton..... | Farmington..... |
| 81 | Mine B Coal Co..... | 4 | Sangamon..... | Springfield..... |
| 82 | Moffat Coal Co..... | 9 | Randolph..... | Sparta..... |
| 83 | Mt. Olive Coal Co..... | 6 | Macoupin..... | Mt. Olive..... |
| 84 | Mt. Olive & Staunton Coal Co., No. 2..... | 7 | Madison..... | Staunton..... |
| 85 | Mulberry Hill Coal Co..... | 8 | St. Clair..... | Freeburg..... |
| 86 | New Watson Coal Co., No. 1..... | 12 | Williamson..... | Herrin..... |
| 87 | Norris City Coal Co..... | 11 | White..... | Norris City..... |
| 88 | Northern Illinois Coal Corp., No. 10..... | 1 | Will..... | Wilmington..... |
| 89 | Oakwood Coal Co..... | 5 | Vermilion..... | Oakwood..... |
| 90 | Odin Coal Co..... | 7 | Marion..... | Odin..... |
| 91 | O. K. Coal Co..... | 8 | St. Clair..... | Marissa..... |
| 92 | Old Ben Coal Corp., No. 8..... | 10 | Franklin..... | West Frankfort..... |
| 93 | Old Ben Coal Corp., No. 14..... | 10 | Franklin..... | Buckner..... |
| 94 | Old Ben Coal Corp., No. 15..... | 10 | Franklin..... | Ezra..... |
| 95 | Old Ben Coal Corp., No. 18..... | 12 | Williamson..... | Johnston City..... |
| 96 | Pana Coal Co., No. 1..... | 4 | Christian..... | Pana..... |
| 97 | Panther Creek Mines, Inc., No. 4..... | 4 | Sangamon..... | Springfield..... |
| 98 | Panther Creek Mines, Inc., No. 5..... | 4 | Sangamon..... | Springfield..... |
| 99 | Peabody Coal Co., No. 7..... | 4 | Christian..... | Kincaid..... |
| 100 | Peabody Coal Co., No. 8..... | 4 | Christian..... | Tovey..... |
| 101 | Peabody Coal Co., No. 9..... | 4 | Christian..... | Taylorville..... |
| 102 | Peabody Coal Co., No. 18..... | 10 | Franklin..... | West Frankfort..... |
| 103 | Peabody Coal Co., No. 19..... | 10 | Franklin..... | West Frankfort..... |
| 104 | Peabody Coal Co., No. 24..... | 5 | Vermilion..... | Danville..... |
| 105 | Peabody Coal Co., No. 47..... | 11 | Saline..... | Harco..... |
| 106 | Peabody Coal Co., No. 51..... | 4 | Sangamon..... | Springfield..... |
| 107 | Peabody Coal Co., No. 53..... | 4 | Sangamon..... | Springfield..... |
| 108 | Peabody Coal Co., No. 57..... | 4 | Sangamon..... | Springfield..... |
| 109 | Peabody Coal Co., No. 58..... | 4 | Christian..... | Taylorville..... |
| 110 | Peabody Coal Co., No. 59..... | 4 | Sangamon..... | Springfield..... |
| 111 | Peacock Coal Co..... | 9 | Jackson..... | Hurst..... |
| 112 | Penwell Coal Mining Co..... | 4 | Christian..... | Pana..... |
| 113 | Perfection Coal Co..... | 9 | Perry..... | DuQuoin..... |
| 114 | Perry Coal Co., "Carbon"..... | 8 | St. Clair..... | O'Fallon..... |
| 115 | Perry Coal Co., "St. Ellen"..... | 8 | St. Clair..... | O'Fallon..... |
| 116 | Prairie Coal Co..... | 8 | St. Clair..... | Belleville..... |
| 117 | Prairie State Coal Co..... | 1 | Putnam..... | Granville..... |
| 118 | Pschirrer & Sons Coal Co..... | 3 | Fulton..... | Canton..... |
| 119 | Puritan Coal Co..... | 12 | Williamson..... | Johnston City..... |
| 120 | Pyramid Coal Corp..... | 9 | Perry..... | Pinckneyville..... |
| 121 | Quality Coal & Mining Co..... | 8 | St. Clair..... | Belleville..... |
| 122 | Radford Coal Co., M. H..... | 12 | Williamson..... | Marion..... |
| 123 | Reed Coal Co., E. A..... | 3 | Fulton..... | Canton..... |
| 124 | Rentchler Coal & Mining Co..... | 8 | St. Clair..... | Belleville..... |
| 125 | Rex Coal Co., No. 2..... | 11 | Saline..... | Eldorado..... |
| 126 | Ring Coal Co., No. 1..... | 9 | Perry..... | Cutler..... |
| 127 | Roanoke Coal & Tile Co..... | 2 | Woodford..... | Roanoke..... |
| 128 | Rodney Coal Co..... | 12 | Williamson..... | Herrin..... |
| 129 | Sahara Coal Co., No. 1..... | 11 | Saline..... | Harrisburg..... |
| 130 | Sahara Coal Co., No. 3..... | 11 | Saline..... | Harrisburg..... |
| 131 | Sahara Coal Co., No. 10..... | 11 | Saline..... | Eldorado..... |
| 132 | Sahara Coal Co., No. 12..... | 11 | Saline..... | Harrisburg..... |
| 133 | St. Louis Coal Co..... | 9 | Randolph..... | Coulterville..... |
| 134 | St. Louis & O'Fallon Coal Co., No. 2..... | 8 | St. Clair..... | East St. Louis..... |
| 135 | Sangamon Coal Co., No. 2..... | 4 | Sangamon..... | Springfield..... |
| 136 | Service Coal Co..... | 8 | St. Clair..... | Belleville..... |
| 137 | Seymour Coal Co..... | 12 | Williamson..... | Herrin..... |
| 138 | Shuler Coal Mining Co..... | 1 | Henry..... | Alpha..... |
| 139 | Southern Coal, Coke & Mining Co., No. 7..... | 8 | St. Clair..... | Belleville..... |
| 140 | Southern Coal, Coke & Mining Co., No. 9..... | 8 | Clinton..... | New Baden..... |

SHIPPING MINES—Continued.

| General superintendent. | Superintendent of mine. | Local mine manager. | Address of main office of company. | No. |
|-------------------------|-------------------------|------------------------|---|----------|
| Chas. Jones..... | Wm. Jones..... | Vaughn J. Jones..... | Marissa, Ill..... | 70 |
| W. C. Gill..... | W. C. Gill..... | Ed Schuster..... | Box 33, Peoria, Ill..... | 71 |
| ..a..... | D. N. Schilling..... | D. N. Schilling..... | Lenzburg, Ill..... | 72 |
| ..a..... | ..a..... | L. J. Livings..... | 1022 E. Republic St., Peoria, Ill..... | 73 |
| ..a..... | E. E. Vallow..... | Thos. McCullister..... | Livingston, Ill..... | 74 |
| ..a..... | B. H. Firth..... | William Valine..... | Collinsville, Ill..... | 75 |
| D. W. Beggs..... | D. W. Beggs..... | Paul Beggs..... | Decatur, Ill..... | 76 |
| John Macke..... | ..a..... | Tony Christy..... | Edwardsville, Ill..... | 77 |
| John W. Stedelin..... | Grover Wilkinson..... | Grover Wilkinson..... | Centralia, Ill..... | 78 |
| K. R. Bixby..... | W. E. Mullins..... | ..a..... | Indianapolis, Ind..... | 79 |
| K. R. Bixby..... | ..a..... | ..a..... | Indianapolis, Ind..... | 80 |
| O. Falcetti..... | ..a..... | John Lawless..... | Springfield, Ill..... | 81 |
| Andrew Moffat..... | Andrew Moffat..... | Dick Richardson..... | Sparta, Ill..... | 82 |
| ..a..... | John Hittmeier..... | ..a..... | Mt. Olive, Ill..... | 83 |
| D. J. Carroll..... | Sam McGurk..... | Ben Chapman..... | Edwardsville, Ill..... | 84 |
| ..a..... | ..a..... | Fred Germann..... | R. F. D. No. 1, Freeburg, Ill..... | 85 |
| ..a..... | ..a..... | Ed MeVey..... | Herrin, Ill..... | 86 |
| ..a..... | Ed Mallaburn..... | Ed Mallaburn..... | Norris City, Ill..... | 87 |
| ..a..... | R. S. Weimer..... | J. T. Sykes..... | 310 S. Michigan Ave., Chicago, Ill..... | 88 |
| Arthur Zamberletti..... | Arthur Zamberletti..... | ..a..... | ..a..... | ..a..... |
| ..a..... | ..a..... | W. J. Fenton..... | Oakwood, Ill..... | 89 |
| C. H. Morrison..... | ..a..... | Pearl Halfacre..... | Odin, Ill..... | 90 |
| L. E. Nagel..... | Hy Church..... | ..a..... | Marissa, Ill..... | 91 |
| Jas. Dunn..... | Jno. Land..... | Ed Goff..... | 230 S. Clark St., Chicago, Ill..... | 92 |
| Jas. Dunn..... | Jno. Land..... | Howard Lewis..... | 230 S. Clark St., Chicago, Ill..... | 93 |
| Jas. Dunn..... | Jno. Land..... | Wm. Coltman..... | 230 S. Clark St., Chicago, Ill..... | 94 |
| Jas. Dunn..... | Jno. Land..... | Jno. Cathie..... | 230 S. Clark St., Chicago, Ill..... | 95 |
| G. A. Shafer..... | S. S. Lewis..... | John J. Simpson..... | Pana, Ill..... | 96 |
| H. A. Solomon..... | Jas. Barnes..... | ..a..... | Springfield, Ill..... | 97 |
| H. A. Solomon..... | ..a..... | John Archer..... | Springfield, Ill..... | 98 |
| W. C. Argust..... | John W. Abrell..... | Geo. Mosey..... | 20 N. Wacker Dr., Chicago, Ill..... | 99 |
| W. C. Argust..... | Jas. Lewis..... | Wm. Craggs..... | 20 N. Wacker Dr., Chicago, Ill..... | 100 |
| W. C. Argust..... | J. W. Starks..... | John Hardy..... | 20 N. Wacker Dr., Chicago, Ill..... | 101 |
| C. W. McReakin..... | B. Fred Burnett..... | Robt. McPhail..... | 20 N. Wacker Dr., Chicago, Ill..... | 102 |
| C. W. McReakin..... | W. M. Elders..... | John Coleman..... | 20 N. Wacker Dr., Chicago, Ill..... | 103 |
| M. F. Peltier..... | John Hope..... | Robert Walker..... | 20 N. Wacker Dr., Chicago, Ill..... | 104 |
| C. W. McReakin..... | Chas. Barker..... | Jas. E. Vaughn..... | 20 N. Wacker Dr., Chicago, Ill..... | 105 |
| S. J. Wills..... | P. W. McMurdo..... | Oney Melkush..... | 20 N. Wacker Dr., Chicago, Ill..... | 106 |
| S. J. Wills..... | P. W. McMurdo..... | Mike Haberle..... | 20 N. Wacker Dr., Chicago, Ill..... | 107 |
| S. J. Wills..... | G. M. Smith..... | Harry Preval..... | 20 N. Wacker Dr., Chicago, Ill..... | 108 |
| W. C. Argust..... | Wm. Hardy..... | Glenn Young..... | 20 N. Wacker Dr., Chicago, Ill..... | 109 |
| S. J. Wills..... | Lewis Waldron..... | John Storey..... | 20 N. Wacker Dr., Chicago, Ill..... | 110 |
| ..a..... | ..a..... | Chester Scaggs..... | Johnson City, Ill..... | 111 |
| Warren Penwell..... | James Rollo..... | Rich Rollo..... | Pana, Ill..... | 112 |
| W. D. Georg..... | W. D. Georg..... | ..a..... | DuQuoin, Ill..... | 113 |
| D. W. Greene..... | Wm. Hartman..... | Wm. Hartman..... | St. Louis, Mo..... | 114 |
| D. W. Greene..... | D. W. Greene..... | W. W. Bolt..... | St. Louis, Mo..... | 115 |
| Jas. Daniels..... | Wm. Murdock..... | ..a..... | Landreth Bldg., St. Louis, Mo..... | 116 |
| John R. Cox..... | ..a..... | Charles Sulski..... | Granville, Ill..... | 117 |
| Chas. Schirrer..... | Chas. Schirrer..... | Geo. Schirrer..... | 914 S. Main St., Canton, Ill..... | 118 |
| W. E. Grissom..... | W. E. Grissom..... | W. E. Grissom..... | Marion, Ill..... | 119 |
| C. W. Woosley..... | Len Hartwell..... | ..a..... | 230 N. Michigan Ave., Chicago, Ill..... | 120 |
| ..a..... | ..a..... | Peter Grieve..... | Belleville, Illinois..... | 121 |
| M. H. Radford..... | ..a..... | ..a..... | R. F. D. No. 1, Box 155, Marion, Ill..... | 122 |
| ..a..... | ..a..... | H. C. Johnson..... | R. F. D. No. 5, Canton, Ill..... | 123 |
| R. U. Harper..... | R. U. Harper..... | R. U. Harper..... | Belleville, Ill..... | 124 |
| Geo. Lindsay..... | Geo. Lindsay..... | Vern Gideumb..... | Chicago, Ill..... | 125 |
| Art Rednor..... | ..a..... | Art Rednor..... | Steeleville, Ill..... | 126 |
| D. L. Negley..... | Carl Klumpp..... | George DeWilde..... | Roanoke, Ill..... | 127 |
| Joe Rodney..... | ..a..... | Roy Goddard..... | Herrin, Ill..... | 128 |
| Paul Halbersleben..... | Wm. Evans..... | J. A. Adams..... | 59 E. Van Buren St., Chicago, Ill..... | 129 |
| Paul Halbersleben..... | Geo. Eadie..... | Ed Pryor..... | 59 E. Van Buren St., Chicago, Ill..... | 130 |
| Paul Halbersleben..... | Sam Cape..... | R. A. Bartlett..... | 59 E. Van Buren St., Chicago, Ill..... | 131 |
| Paul Halbersleben..... | Wm. Evans..... | Marion Wiley..... | 59 E. Van Buren St., Chicago, Ill..... | 132 |
| E. H. Larsen..... | E. H. Larsen..... | E. H. Larsen..... | Coulterville, Ill..... | 133 |
| W. F. Davis..... | W. F. Davis..... | Jos. Vlasak..... | 2927 S. Broadway, St. Louis, Mo..... | 134 |
| ..a..... | John Senger, Sr..... | ..a..... | P. O. Box 56, Springfield, Ill..... | 135 |
| D. E. Meyer..... | D. E. Meyer..... | Chas. Beese..... | Belleville, Ill..... | 136 |
| F. H. Seymour..... | F. H. Seymour..... | John Howell..... | Herrin, Ill..... | 137 |
| Charles Shuler, Jr..... | T. C. Chapman..... | T. C. Chapman..... | Alpha, Ill..... | 138 |
| S. A. Butler..... | ..a..... | Steve Herbert..... | 621 Security Bldg., St. Louis, Mo..... | 139 |
| S. A. Butler..... | ..a..... | E. Strotheide..... | 621 Security Bldg., St. Louis, Mo..... | 140 |

DIRECTORY OF

| No. | Name of operator and mine. | Location of mine. | | |
|-----|--|-------------------|-----------------|---------------------|
| | | District. | County. | Post office. |
| 141 | Spillertown Mining Co..... | 12 | Williamson..... | Johnston City..... |
| 142 | Stiers Bros. Construction Co..... | 7 | Madison..... | Moro..... |
| 143 | Sunnyside Coal Co..... | 3 | Fulton..... | Cuba..... |
| 144 | Superior Coal Co., No. 1..... | 6 | Macoupin..... | Gillespie..... |
| 145 | Superior Coal Co., No. 2..... | 6 | Macoupin..... | Gillespie..... |
| 146 | Superior Coal Co., No. 3..... | 6 | Macoupin..... | Gillespie..... |
| 147 | Superior Coal Co., No. 4..... | 6 | Macoupin..... | Gillespie..... |
| 148 | Sutton Coal Co., W. A..... | 2 | Woodford..... | Minonk..... |
| 149 | Swords, George..... | 3 | Fulton..... | Canton..... |
| 150 | Talbot Coalery Co..... | 9 | Perry..... | DuQuoin..... |
| 151 | Tamaroa Coal Co..... | 9 | Perry..... | Tamaroa..... |
| 152 | Tilton Mining Co..... | 5 | Vermilion..... | Danville..... |
| 153 | Truax-Traer Coal Co..... | 3 | Fulton..... | St. David..... |
| 154 | Truax-Traer Coal Co., No. 1..... | 9 | Jackson..... | Elkville..... |
| 155 | Truax-Traer Coal Co., No. 2..... | 9 | Jackson..... | DeSoto..... |
| 156 | Ubben Coal Co..... | 2 | Peoria..... | Pekin..... |
| 157 | Union Coal Co..... | 1 | LaSalle..... | Peru..... |
| 158 | Union Colliery Co..... | 9 | Jackson..... | Dowell..... |
| 159 | United Electric Coal Co., No. 9..... | 3 | Fulton..... | Cuba..... |
| 160 | United Electric Coal Co., No. 11..... | 9 | Perry..... | DuQuoin..... |
| 161 | United Electric Coal Co., No. 12..... | 5 | Vermilion..... | Danville..... |
| 162 | United Electric Coal Co., No. 13..... | 8 | St. Clair..... | Freeburg..... |
| 163 | United States Fuel Co., "Bun"..... | 5 | Vermilion..... | Georgetown..... |
| 164 | Valier Coal Co., No. 1..... | 10 | Franklin..... | Valier..... |
| 165 | Vinegar Hill Coal Co..... | 8 | St. Clair..... | Lenzburg..... |
| 166 | Virden Coal Co..... | 6 | Macoupin..... | Virden..... |
| 167 | Wallace Coal Co..... | 12 | Williamson..... | Marion..... |
| 168 | Wasson Coal Co., No. 1..... | 11 | Saline..... | Harrisburg..... |
| 169 | West Frankfort Coal Corp., No. 21..... | 10 | Franklin..... | West Frankfort..... |
| 170 | Whip-Poor-Will Coal & Mining Co..... | 9 | Perry..... | Cutler..... |
| 171 | White Coal Co..... | 8 | St. Clair..... | Belleville..... |
| 172 | Winkle Coal Co..... | 9 | Perry..... | Swanwick..... |

a—Not reported.

SHIPPING MINES—Concluded.

| General superintendent. | Superintendent of mine. | Local mine manager. | Address of main office of company. | No. |
|----------------------------|----------------------------|------------------------|--|-----|
| Harry E. Morgan..... | Alfred Richardson..... | Jack Leasock..... | 1107 Barham St., Johnston City, Ill..... | 141 |
| P. D. Hufford..... | P. D. Hufford..... | P. D. Hufford..... | 2944 Magazine St., St. Louis, Mo..... | 142 |
| F. N. Heller..... | ..a..... | L. F. Schroeder..... | Canton, Ill..... | 143 |
| D. D. Wilcox..... | J. Powell..... | Alex Duncan..... | 400 W. Madison St., Chicago, Ill..... | 144 |
| D. D. Wilcox..... | J. Powell..... | Lawrence Kiss..... | 400 W. Madison St., Chicago, Ill..... | 145 |
| D. D. Wilcox..... | J. Powell..... | Alex Young..... | 400 W. Madison St., Chicago, Ill..... | 146 |
| D. D. Wilcox..... | J. Powell..... | John H. Johnson..... | 400 W. Madison St., Chicago, Ill..... | 147 |
| W. G. Sutton..... | H. A. Sutton..... | H. A. Sutton..... | Minonk, Ill..... | 148 |
| Geo. Swords..... | ..a..... | ..a..... | Box 74, Canton, Ill..... | 149 |
| D. B. Talbott..... | Hardy Norris..... | ..a..... | DuQuoin, Ill..... | 150 |
| L. Winchester..... | ..a..... | Henry Jones..... | Tamaroa, Ill..... | 151 |
| W. A. Martin..... | ..a..... | H. C. Steube..... | Station C, Danville, Ill..... | 152 |
| H. F. Willis..... | Byron Somers..... | A. E. Junell..... | 8 S. Michigan Ave., Chicago, Ill..... | 153 |
| Henry F. Willis..... | Chas. R. Dunn..... | ..a..... | 8 S. Michigan Ave., Chicago, Ill..... | 154 |
| Theo H. Ubben..... | ..a..... | J. Scheffler..... | 8 S. Michigan Ave., Chicago, Ill..... | 155 |
| Adam Currie..... | ..a..... | ..a..... | Pekin, Ill..... | 156 |
| Edward Leming..... | Edward Leming..... | C. O. Wellington..... | 112 E. Fifth St., Peru, Ill..... | 157 |
| ..a..... | ..a..... | Carl G. Day..... | Box 1349, St. Louis, Mo..... | 158 |
| ..a..... | ..a..... | F. A. Huff..... | 500 Adams Bldg., Danville, Ill..... | 159 |
| ..a..... | ..a..... | R. E. Pyle..... | 500 Adams Bldg., Danville, Ill..... | 160 |
| ..a..... | ..a..... | Geo. D. Huff..... | 500 Adams Bldg., Danville, Ill..... | 161 |
| A. F. Dodd..... | Robert Flynn..... | Mark Ord..... | 500 Adams Bldg., Danville, Ill..... | 162 |
| ..a..... | D. W. Jones..... | Isaiah Winn..... | 208 S. LaSalle St., Chicago, Ill..... | 163 |
| ..a..... | ..a..... | George Germann..... | 547 W. Jackson Blvd., Chicago, Ill..... | 164 |
| Clint Richardson..... | Joe Dubunick..... | ..a..... | Lenzburg, Ill..... | 165 |
| Geo. A. Wallace..... | John K. Wallace..... | Wm. K. Wallace..... | Virden, Ill..... | 166 |
| L. A. Wasson..... | L. A. Wasson..... | John H. Evans..... | Marion, Ill..... | 167 |
| H. M. Rea..... | W. G. Guiney..... | H. C. Harris..... | Harrisburg, Ill..... | 168 |
| ..a..... | G. A. Prescott..... | D. P. Jackson..... | West Frankfort, Ill..... | 169 |
| R. White, Sr..... | R. White, Sr..... | June Dickson..... | Cutler, Ill..... | 170 |
| O. L. Winkle..... | ..a..... | George Smith..... | Box 303, Belleville, Ill..... | 171 |
| | | | Swanwick, Ill..... | 172 |

SHIPPING AND LOCAL MINES—

SHIPPING

| District. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|---------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| First..... | 7 | 1,777,138 | 1,250,046 | 252,069 | 721 | 246,269 | 9,920 | 18,113 |
| Second..... | 8 | 1,568,939 | 365,558 | 983,760 | ----- | 207,330 | 7,160 | 5,131 |
| Third..... | 15 | 1,838,159 | 1,163,173 | 529,734 | ----- | 118,454 | 9,517 | 17,281 |
| Fourth..... | 16 | 6,056,629 | 4,592,179 | 1,019,085 | 18,276 | 360,854 | 45,484 | 20,751 |
| Fifth..... | 7 | 1,840,005 | 1,135,827 | 518,450 | 2,206 | 172,730 | 10,414 | 378 |
| Sixth..... | 11 | 3,921,804 | 1,064,764 | 2,569,435 | 2,008 | 122,912 | 118,861 | 43,824 |
| Seventh..... | 10 | 1,663,887 | 1,244,443 | 146,453 | ----- | 173,634 | 62,919 | 36,438 |
| Eighth..... | 25 | 2,328,014 | 1,075,850 | 265,955 | 24,752 | 825,482 | 73,307 | 62,668 |
| Ninth..... | 31 | 5,249,945 | 2,724,172 | 2,095,999 | 51,868 | 234,631 | 70,002 | 73,273 |
| Tenth..... | 15 | 7,780,162 | 4,728,661 | 2,556,922 | ----- | 88,686 | 110,213 | 295,680 |
| Eleventh..... | 9 | 2,731,693 | 2,029,660 | 541,086 | ----- | 76,709 | 54,403 | 29,835 |
| Twelfth..... | 18 | 1,899,152 | 1,171,294 | 605,605 | ----- | 40,608 | 42,972 | 38,673 |
| Total..... | 172 | 38,655,527 | 22,545,627 | 12,084,553 | 99,831 | 2,668,299 | 615,172 | 642,045 |

LOCAL

| | | | | | | | | |
|---------------|-------|-----------|-------|-------|-------|-----------|--------|--------|
| First..... | 197 | 576,731 | ----- | ----- | ----- | 565,777 | 10,954 | ----- |
| Second..... | 125 | 432,577 | ----- | ----- | ----- | 427,912 | 4,665 | ----- |
| Third..... | 335 | 318,162 | ----- | ----- | ----- | 310,051 | 8,111 | ----- |
| Fourth..... | 39 | 266,815 | ----- | ----- | ----- | 258,469 | 8,096 | 250 |
| Fifth..... | 131 | 294,111 | ----- | ----- | ----- | 291,239 | 2,872 | ----- |
| Sixth..... | 60 | 48,583 | ----- | ----- | ----- | 46,931 | 1,552 | 100 |
| Seventh..... | 36 | 280,045 | ----- | ----- | ----- | 257,053 | 13,691 | 9,301 |
| Eighth..... | 47 | 464,899 | ----- | ----- | ----- | 440,549 | 8,355 | 15,995 |
| Ninth..... | 53 | 112,806 | ----- | ----- | ----- | 104,729 | 8,077 | ----- |
| Tenth..... | 5 | 541 | ----- | ----- | ----- | 521 | 20 | ----- |
| Eleventh..... | 62 | 81,614 | ----- | ----- | ----- | 74,509 | 7,105 | ----- |
| Twelfth..... | 85 | 191,667 | ----- | ----- | ----- | 180,281 | 11,386 | ----- |
| Total..... | 1,175 | 3,068,551 | ----- | ----- | ----- | 2,958,021 | 84,884 | 25,646 |

ALL

| | | | | | | | | |
|---------------|-------|------------|------------|------------|--------|-----------|---------|---------|
| First..... | 204 | 2,353,869 | 1,250,046 | 252,069 | 721 | 812,046 | 20,874 | 18,113 |
| Second..... | 133 | 2,001,516 | 365,558 | 983,760 | ----- | 635,242 | 11,825 | 5,131 |
| Third..... | 350 | 2,156,321 | 1,163,173 | 529,734 | ----- | 428,505 | 17,628 | 17,281 |
| Fourth..... | 55 | 6,323,444 | 4,592,179 | 1,019,085 | 18,276 | 619,323 | 53,580 | 21,001 |
| Fifth..... | 138 | 2,134,116 | 1,135,827 | 518,450 | 2,206 | 463,969 | 13,286 | 378 |
| Sixth..... | 71 | 3,970,387 | 1,064,764 | 2,569,435 | 2,008 | 169,843 | 120,413 | 43,924 |
| Seventh..... | 46 | 1,943,932 | 1,244,443 | 146,453 | ----- | 430,687 | 76,610 | 45,739 |
| Eighth..... | 72 | 2,792,913 | 1,075,850 | 265,955 | 24,752 | 1,266,031 | 81,662 | 78,663 |
| Ninth..... | 84 | 5,362,751 | 2,724,172 | 2,095,999 | 51,868 | 339,360 | 78,079 | 73,273 |
| Tenth..... | 20 | 7,780,703 | 4,728,661 | 2,556,922 | ----- | 89,207 | 110,233 | 295,680 |
| Eleventh..... | 71 | 2,813,307 | 2,029,660 | 541,086 | ----- | 151,218 | 61,508 | 29,835 |
| Twelfth..... | 103 | 2,090,819 | 1,171,294 | 605,605 | ----- | 220,889 | 54,358 | 38,673 |
| Total..... | 1,347 | 41,724,078 | 22,545,627 | 12,084,553 | 99,831 | 5,626,320 | 700,056 | 667,691 |

RECAPITULATION FOR THE STATE.

MINES.

| Total employees. | Days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|----------------|------------------------------------|-----------------------|------------------|---------------------|---------------------------------|--------------------------|----------------|-----------|------------|--------------------------------|
| | | Powder-kegs. | Pellet powder-pounds. | Dynamite—pounds. | Permissible—pounds. | | | Machine. | Hand. | Stripping. | |
| 1,410 | 180 | 8,177 | 28,100 | 2,475 | ----- | 5 | 4 | 125,113 | 200,542 | 1,451,483 | 98 |
| 1,854 | 181 | 4,107 | 350,450 | ----- | ----- | 69 | 26 | 1,415,189 | 153,750 | ----- | 150 |
| 1,478 | 175 | 10,178 | 108,317 | 2,085 | 25,950 | 45 | 19 | 619,039 | 74,417 | 1,144,703 | 113 |
| 5,730 | 160 | 59,139 | 2,917,375 | 950 | 29,500 | 69 | 146 | 4,560,728 | 1,495,901 | ----- | 263 |
| 2,585 | 151 | 1,813 | 234,525 | 49,350 | 142,050 | 67 | 31 | 1,793,984 | 9,818 | 36,203 | 89 |
| 4,235 | 162 | 2,452 | 124,121 | ----- | 384,000 | 65 | 123 | 3,921,804 | ----- | ----- | 59 |
| 2,275 | 126 | 6,545 | 92,750 | 25 | 46,125 | 60 | 48 | 1,619,588 | 16,190 | 28,109 | 85 |
| 2,967 | 147 | 77,689 | 246,500 | ----- | 2,750 | 56 | 62 | 1,278,851 | 1,048,845 | 318 | 166 |
| 3,965 | 124 | 13,849 | 275,175 | 44,390 | 203,250 | 105 | 75 | 2,149,459 | 139,878 | 2,960,608 | 127 |
| 8,407 | 130 | ----- | ----- | ----- | 725,775 | 279 | 376 | 7,780,162 | ----- | ----- | 79 |
| 3,812 | 144 | 79 | 110,700 | 66 | 169,180 | 164 | 172 | 2,468,527 | ----- | 263,166 | 133 |
| 2,225 | 143 | 4,494 | 134,150 | 200 | 145,050 | 58 | 74 | 1,662,658 | 112,866 | 123,628 | 52 |
| 40,943 | 147 | 188,522 | 4,622,163 | 99,541 | 1,873,630 | 1,042 | 1,156 | 29,395,102 | 3,252,207 | 6,008,218 | 1,414 |

MINES.

| | | | | | | | | | | | |
|-------|-----|---------|---------|-------|-------|-------|-------|-----------|-----------|---------|-------|
| 1,951 | 111 | 15,278 | 17,100 | ----- | ----- | 15 | ----- | 173,570 | 295,540 | 107,621 | ----- |
| 1,058 | 134 | 14,242 | 30,225 | ----- | ----- | 24 | ----- | 279,725 | 150,252 | 2,600 | ----- |
| 1,360 | 106 | 14,400 | 13,050 | ----- | ----- | 7 | ----- | 73,975 | 228,261 | 15,926 | ----- |
| 573 | 153 | 12,565 | ----- | ----- | ----- | 11 | ----- | 110,696 | 156,119 | ----- | ----- |
| 905 | 125 | 11,743 | 10,750 | ----- | 3,750 | 10 | ----- | 95,478 | 192,377 | 6,256 | ----- |
| 337 | 123 | 1,161 | ----- | ----- | ----- | 2 | ----- | 6,059 | 41,934 | 590 | ----- |
| 501 | 130 | 3,244 | 15,125 | 165 | ----- | 13 | ----- | 183,583 | 96,027 | 435 | ----- |
| 761 | 146 | 11,753 | 22,793 | ----- | ----- | 10 | ----- | 113,163 | 288,924 | 62,812 | ----- |
| 317 | 117 | 3,647 | 6,950 | ----- | ----- | 9 | ----- | 45,434 | 65,372 | 2,000 | ----- |
| 18 | 39 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 541 | ----- |
| 290 | 86 | 2,899 | 9,650 | ----- | ----- | 4 | ----- | 29,248 | 45,983 | 6,383 | ----- |
| 485 | 137 | 9,710 | 16,800 | ----- | ----- | 2 | ----- | 13,727 | 169,078 | 8,862 | ----- |
| 8,556 | 118 | 100,642 | 142,443 | 165 | 3,750 | 107 | ----- | 1,124,658 | 1,729,867 | 214,026 | ----- |

MINES.

| | | | | | | | | | | | |
|--------|-----|---------|-----------|--------|-----------|-------|-------|------------|-----------|-----------|-------|
| 3,361 | 113 | 23,455 | 45,200 | 2,475 | ----- | 20 | 4 | 298,683 | 496,082 | 1,559,104 | 98 |
| 2,912 | 137 | 18,349 | 380,675 | ----- | ----- | 93 | 26 | 1,694,914 | 304,002 | 2,600 | 150 |
| 2,838 | 109 | 24,578 | 121,367 | 2,085 | 25,950 | 52 | 19 | 693,014 | 302,678 | 1,160,629 | 113 |
| 6,303 | 155 | 71,704 | 2,917,375 | 950 | 29,500 | 80 | 146 | 4,671,424 | 1,652,020 | ----- | 263 |
| 3,490 | 126 | 13,556 | 245,275 | 49,350 | 145,800 | 77 | 31 | 1,889,462 | 202,195 | 42,459 | 89 |
| 4,572 | 129 | 3,613 | 124,121 | ----- | 384,000 | 67 | 123 | 3,927,863 | 41,934 | 590 | 59 |
| 2,776 | 129 | 9,789 | 107,875 | 190 | 46,125 | 73 | 48 | 1,803,171 | 112,217 | 28,544 | 85 |
| 3,728 | 147 | 89,442 | 269,293 | ----- | 2,750 | 66 | 62 | 1,392,014 | 1,337,769 | 63,130 | 166 |
| 4,282 | 119 | 17,496 | 282,125 | 44,390 | 203,250 | 114 | 75 | 2,194,893 | 205,250 | 2,962,608 | 127 |
| 8,425 | 108 | ----- | ----- | ----- | 725,775 | 279 | 376 | 7,780,162 | ----- | 541 | 79 |
| 4,102 | 93 | 2,978 | 120,350 | 66 | 169,180 | 168 | 172 | 2,497,775 | 45,983 | 269,549 | 133 |
| 2,710 | 138 | 14,204 | 150,950 | 200 | 145,050 | 60 | 74 | 1,676,385 | 281,944 | 132,490 | 52 |
| 49,499 | 122 | 289,164 | 4,764,606 | 99,706 | 1,877,380 | 1,149 | 1,156 | 30,519,760 | 4,982,074 | 6,222,244 | 1,414 |

GENERAL STATEMENT.

1934—WITH COMPARATIVE FIGURES OF FOUR PREVIOUS YEARS.

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|------------|------------|------------|------------|------------|
| Number of counties producing coal..... | 58 | 53 | 54 | 48 | 54 |
| Number of mines operated..... | 1,347 | 1,266 | 1,093 | 994 | 939 |
| Number of shipping mines..... | 172 | 159 | 162 | 167 | 185 |
| Number of local mines..... | 1,175 | 1,107 | 931 | 827 | 754 |
| Output in tons, all mines..... | 41,724,078 | 38,320,125 | 34,120,786 | 45,152,623 | 54,035,116 |
| Output in tons, shipping mines..... | 38,655,527 | 35,390,677 | 31,402,399 | 43,073,058 | 51,996,608 |
| Output in tons, local mines..... | 3,068,551 | 2,929,448 | 2,718,387 | 2,079,565 | 2,038,508 |
| Tons handled by railroads..... | 34,730,011 | 31,636,128 | 28,519,261 | 39,940,793 | 48,682,938 |
| Tons disposed of otherwise..... | 6,994,067 | 6,683,997 | 5,601,525 | 5,211,830 | 5,352,178 |
| Number employed underground..... | 40,340 | 40,096 | 43,630 | 45,652 | 48,342 |
| Number employed on surface..... | 9,159 | 8,368 | 7,924 | 7,898 | 7,669 |
| Total employees..... | 49,499 | 48,464 | 51,554 | 53,550 | 56,011 |
| Average days worked, shipping mines..... | 147 | 131 | 107 | 130 | 145 |
| Average days worked, local mines..... | 118 | 118 | 127 | 123 | 117 |
| Number of mining machines in use..... | 1,149 | 1,118 | 1,246 | 1,459 | 1,668 |
| Tons undercut by machines..... | 30,519,760 | 28,051,231 | 23,201,707 | 33,161,198 | 40,799,961 |
| Tons mined by hand..... | 4,982,074 | 4,554,559 | 4,162,122 | 5,371,522 | 6,959,188 |
| Tons mined by stripping..... | 6,222,244 | 5,714,305 | 6,756,957 | 6,619,903 | 6,275,967 |
| Number of mechanical loaders in use..... | 1,621 | 1,752 | 2,280 | 2,420 | 2,238 |
| Tons loaded mechanically..... | 18,600,174 | 17,766,216 | 15,412,656 | 22,445,802 | 23,249,881 |
| Kegs of powder used for blasting coal..... | 289,164 | 230,721 | 215,778 | 295,760 | 455,940 |
| Pounds of pellet powder used..... | 4,764,606 | 3,988,617 | 2,940,722 | 4,540,477 | 1,007,890 |
| Pounds of dynamite used..... | 99,706 | 71,963 | 125,750 | 115,395 | 298,446 |
| Pounds of permissible explosives used..... | 1,877,380 | 1,760,985 | 1,669,636 | 2,406,186 | 4,722,380 |
| Number of motors used in underground haulage..... | 1,156 | 1,044 | 1,117 | 1,205 | 1,209 |
| Number of animals underground..... | 1,414 | 1,388 | 1,418 | 1,503 | 1,812 |
| Number of fatal accidents..... | 86 | 71 | 114 | 90 | 112 |
| Number of non-fatal accidents..... | 3,133 | 3,018 | 2,643 | 3,809 | 5,103 |
| Tons mined to one man killed..... | 485,164 | 539,720 | 377,834 | 501,696 | 482,456 |
| Tons mined to one man injured..... | 13,318 | 12,697 | 12,884 | 11,854 | 10,589 |
| Number employed to one killed..... | 576 | 683 | 452 | 595 | 500 |
| Number employed to one injured..... | 16 | 16 | 20 | 14 | 11 |
| Number of mines using closed lights..... | 21 | 20 | 19 | 22 | 23 |
| Number of mines rock dusted..... | 29 | 25 | 34 | 35 | 35 |

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS.

| Districts. | All mines. | | | Shipping mines. | | | Local mines. | | |
|---------------|------------|--------|------------|-----------------|--------|------------|--------------|-------|-----------|
| | Mines. | Men. | Tons. | Mines. | Men. | Tons. | Mines. | en. | Tons. |
| First..... | 204 | 3,361 | 2,353,869 | 7 | 1,410 | 1,777,138 | 197 | 1,951 | 576,731 |
| Second..... | 133 | 2,912 | 2,001,516 | 8 | 1,854 | 1,568,939 | 125 | 1,058 | 432,577 |
| Third..... | 350 | 2,838 | 2,156,321 | 15 | 1,478 | 1,838,159 | 335 | 1,360 | 318,162 |
| Fourth..... | 55 | 6,303 | 6,323,444 | 16 | 5,730 | 6,056,629 | 39 | 573 | 266,815 |
| Fifth..... | 138 | 3,490 | 2,134,116 | 7 | 2,585 | 1,840,005 | 131 | 905 | 294,111 |
| Sixth..... | 71 | 4,572 | 3,970,387 | 11 | 4,235 | 3,921,804 | 60 | 337 | 8,583 |
| Seventh..... | 46 | 2,776 | 1,943,932 | 10 | 2,275 | 1,663,887 | 36 | 501 | 280,045 |
| Eighth..... | 72 | 3,728 | 2,792,913 | 25 | 2,967 | 2,328,014 | 47 | 761 | 464,899 |
| Ninth..... | 84 | 4,282 | 5,362,751 | 31 | 3,965 | 5,249,945 | 53 | 317 | 112,806 |
| Tenth..... | 20 | 8,425 | 7,780,703 | 15 | 8,407 | 7,780,162 | 5 | 18 | 541 |
| Eleventh..... | 71 | 4,102 | 2,813,307 | 9 | 3,812 | 2,731,693 | 62 | 290 | 81,614 |
| Twelfth..... | 103 | 2,710 | 2,090,819 | 18 | 2,225 | 1,899,152 | 85 | 485 | 191,667 |
| Total..... | 1,347 | 49,499 | 41,724,078 | 172 | 40,943 | 38,655,527 | 1,175 | 8,556 | 3,068,551 |

TABLE 2—NUMBER OF MINES OPERATED, MEN EMPLOYED, AVERAGE DAYS WORKED, TONS PRODUCED, AVERAGE TONS PER DAY AND THE AVERAGE TONS PER MAN PER DAY, ALL MINES—1882-1934.

| Year. | Mines operated. | Men employed. | Average days worked. | Tons produced. | Average tons per day. | Average tons per man per day. |
|------------|-----------------|---------------|----------------------|----------------|-----------------------|-------------------------------|
| 1882..... | 704 | 20,290 | 190 | 9,115,661 | 47,977 | 2.4 |
| 1883..... | 637 | 23,939 | 195 | 10,508,785 | 53,891 | 2.3 |
| 1884..... | 739 | 25,575 | 204 | 10,101,004 | 49,514 | 1.9 |
| 1885..... | 778 | 25,946 | 200 | 9,791,874 | 48,959 | 1.9 |
| 1886..... | 786 | 25,846 | 185 | 9,246,435 | 49,952 | 1.9 |
| 1887..... | 801 | 26,804 | 190 | 10,278,890 | 54,099 | 2.0 |
| 1888..... | 833 | 29,410 | 194 | 11,855,188 | 61,109 | 2.1 |
| 1889..... | 851 | 30,076 | 189 | 11,597,963 | 61,365 | 2.0 |
| 1890..... | 811 | 28,574 | 175 | 12,638,364 | 72,219 | 2.1 |
| 1891..... | 898 | 32,951 | 192 | 15,660,698 | 81,566 | 2.5 |
| 1892..... | 833 | 33,632 | 191 | 17,862,276 | 93,520 | 2.8 |
| 1893..... | 779 | 35,390 | 201 | 19,949,564 | 99,252 | 2.8 |
| 1894..... | 822 | 38,477 | 173 | 17,113,576 | 98,922 | 2.6 |
| 1895..... | 844 | 38,630 | 178 | 17,735,864 | 99,645 | 2.6 |
| 1896..... | 868 | 37,032 | 172 | 19,786,626 | 115,038 | 3.1 |
| 1897..... | 853 | 33,788 | 169 | 20,072,758 | 118,773 | 3.5 |
| 1898..... | 881 | 35,026 | 165 | 18,599,299 | 112,723 | 3.2 |
| 1899..... | 889 | 36,901 | 181 | 23,434,445 | 129,472 | 3.5 |
| 1900..... | 920 | 39,384 | 183 | 25,153,929 | 137,453 | 3.5 |
| 1901..... | 915 | 44,143 | 174 | 26,655,319 | 153,364 | 3.5 |
| 1902..... | 915 | 46,003 | 177 | 30,021,300 | 169,612 | 3.7 |
| 1903..... | 930 | 49,814 | 192 | 34,955,400 | 182,059 | 3.7 |
| 1904..... | 932 | 54,774 | 185 | 37,077,897 | 200,421 | 3.7 |
| 1905..... | 990 | 59,230 | 167 | 37,183,374 | 222,655 | 3.8 |
| 1906..... | 1,018 | 62,283 | 177 | 38,317,581 | 216,433 | 3.5 |
| 1907..... | 933 | 66,714 | 180 | 47,798,621 | 265,548 | 4.0 |
| 1908..... | 922 | 70,841 | 180 | 49,272,436 | 273,736 | 3.9 |
| 1909..... | 886 | 72,733 | 177 | 49,163,710 | 277,761 | 3.8 |
| 1910..... | 881 | 74,634 | 172 | 48,717,853 | 283,243 | 3.8 |
| 1911..... | 845 | 77,410 | 165 | 50,165,099 | 304,031 | 3.9 |
| 1912..... | 879 | 79,411 | 160 | 57,514,240 | 359,464 | 4.5 |
| 1913..... | 840 | 79,497 | 170 | 61,846,204 | 363,801 | 4.6 |
| 1914..... | 796 | 80,035 | 162 | 60,715,795 | 374,789 | 4.7 |
| 1915..... | 779 | 75,607 | 158 | 57,601,694 | 364,517 | 4.8 |
| 1916..... | 803 | 75,919 | 163 | 63,673,530 | 390,635 | 5.1 |
| 1917..... | 810 | 80,893 | 179 | 78,983,517 | 441,250 | 5.4 |
| 1918..... | 966 | 91,372 | 183 | 89,979,469 | 491,691 | 5.4 |
| 1919..... | 937 | 90,897 | 160 | 75,099,784 | 469,374 | 5.2 |
| 1920..... | 938 | 88,192 | 159 | 73,920,653 | 464,910 | 5.3 |
| 1921..... | 1,035 | 95,763 | 152 | 80,121,948 | 527,118 | 5.5 |
| 1922..... | 1,133 | 98,090 | 134 | 63,276,827 | 472,215 | 4.8 |
| 1923..... | 1,136 | 103,566 | 146 | 75,514,095 | 517,220 | 5.0 |
| 1924..... | 1,032 | 99,765 | 140 | 72,308,665 | 516,490 | 5.2 |
| 1925*..... | 913 | 81,684 | 204 | 103,186,166 | 505,815 | 6.2 |
| 1926..... | 921 | 77,732 | 131 | 69,813,255 | 532,925 | 6.9 |
| 1927..... | 906 | 78,572 | 119 | 46,949,700 | 394,535 | 5.0 |
| 1928..... | 857 | 65,508 | 132 | 56,211,082 | 425,841 | 6.5 |
| 1929..... | 803 | 58,596 | 133 | 61,127,759 | 459,607 | 7.8 |
| 1930..... | 939 | 56,011 | 122 | 54,035,116 | 442,910 | 7.9 |
| 1931..... | 977 | 53,550 | 127 | 45,152,623 | 355,532 | 6.6 |
| 1932..... | 1,093 | 51,554 | 124 | 34,120,786 | 275,168 | 5.3 |
| 1933..... | 1,266 | 48,464 | 119 | 38,320,125 | 322,018 | 6.6 |
| 1934..... | 1,347 | 49,499 | 122 | 41,724,078 | 342,001 | 6.9 |

* July 1, 1924 to December 31, 1925.

TABLE 3—CLASSIFICATION OF MINES BY OUTPUT.

| Mines producing— | Shipping mines. | | | Local mines. | | | All mines. | | |
|-------------------------------|-----------------|--------|------------|--------------|-------|-----------|------------|--------|------------|
| | Mines. | Men. | Tons. | Mines. | Men. | Tons. | Mines. | Men. | Tons. |
| Less than 1,000 tons | 2 | 43 | 1,060 | 728 | 2,405 | 211,382 | 730 | 2,448 | 212,442 |
| 1,000 but less than 10,000 | 18 | 292 | 86,291 | 382 | 3,576 | 1,165,781 | 400 | 3,868 | 1,252,072 |
| 10,000 but less than 50,000 | 40 | 3,129 | 1,102,992 | 58 | 1,943 | 1,270,982 | 98 | 5,072 | 2,373,974 |
| 50,000 but less than 100,000 | 29 | 4,809 | 2,132,593 | 7 | 632 | 420,406 | 36 | 5,441 | 2,552,999 |
| 100,000 but less than 200,000 | 21 | 5,061 | 3,146,887 | ----- | ----- | ----- | 21 | 5,061 | 3,146,887 |
| 200,000 but less than 300,000 | 12 | 3,712 | 3,111,052 | ----- | ----- | ----- | 12 | 3,712 | 3,111,052 |
| 300,000 but less than 400,000 | 19 | 6,688 | 6,530,494 | ----- | ----- | ----- | 19 | 6,688 | 6,530,494 |
| 400,000 but less than 500,000 | 7 | 3,155 | 3,079,402 | ----- | ----- | ----- | 7 | 3,155 | 3,079,402 |
| 500,000 but less than 600,000 | 4 | 2,098 | 2,229,938 | ----- | ----- | ----- | 4 | 2,098 | 2,229,938 |
| 600,000 but less than 700,000 | 3 | 1,616 | 2,031,872 | ----- | ----- | ----- | 3 | 1,616 | 2,031,872 |
| 700,000 but less than 800,000 | 5 | 2,845 | 3,809,195 | ----- | ----- | ----- | 5 | 2,845 | 3,809,195 |
| 800,000 and over | 12 | 7,495 | 11,393,751 | ----- | ----- | ----- | 12 | 7,495 | 11,393,751 |
| Total | 172 | 40,943 | 38,655,527 | 1,175 | 8,556 | 3,068,551 | 1,347 | 49,499 | 41,724,078 |

TABLE 4—AVERAGES AND PERCENTAGES, BASED ON TABLE 3.

| Mines producing— | Shipping mines. | | | | | | Local mines. | | | | | |
|-------------------------------|-----------------|-----------|-----------|-----------|----------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|
| | Mines. | | Men. | | Tons. | | Mines. | | Men. | | Tons. | |
| | Num-ber. | Per-cent. | Aver-age. | Per-cent. | Average. | Per-cent. | Num-ber. | Per-cent. | Aver-age. | Per-cent. | Aver-age. | Per-cent. |
| Less than 1,000 tons | 2 | 1.2 | 22 | 0.1 | 530 | ----- | 728 | 62.0 | 3 | 28.1 | 290 | 6.9 |
| 1,000 but less than 10,000 | 18 | 10.5 | 16 | 0.7 | 4,794 | 0.2 | 382 | 32.5 | 9 | 41.8 | 3,052 | 38.0 |
| 10,000 but less than 50,000 | 40 | 23.2 | 78 | 7.7 | 27,575 | 2.8 | 58 | 4.9 | 34 | 22.7 | 21,913 | 41.4 |
| 50,000 but less than 100,000 | 29 | 16.9 | 166 | 11.8 | 73,538 | 5.5 | 7 | 0.6 | 90 | 7.4 | 60,058 | 13.7 |
| 100,000 but less than 200,000 | 21 | 12.2 | 241 | 12.4 | 149,852 | 8.1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 200,000 but less than 300,000 | 12 | 7.0 | 309 | 9.1 | 259,254 | 8.0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 300,000 but less than 400,000 | 19 | 11.0 | 352 | 16.3 | 343,710 | 16.9 | ----- | ----- | ----- | ----- | ----- | ----- |
| 400,000 but less than 500,000 | 7 | 4.1 | 451 | 7.7 | 439,915 | 8.0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 500,000 but less than 600,000 | 4 | 2.3 | 525 | 5.1 | 557,485 | 5.8 | ----- | ----- | ----- | ----- | ----- | ----- |
| 600,000 but less than 700,000 | 3 | 1.7 | 539 | 3.9 | 677,291 | 5.3 | ----- | ----- | ----- | ----- | ----- | ----- |
| 700,000 but less than 800,000 | 5 | 2.9 | 569 | 6.9 | 761,839 | 9.9 | ----- | ----- | ----- | ----- | ----- | ----- |
| 800,000 and over | 12 | 7.0 | 625 | 18.3 | 949,479 | 29.5 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total | 172 | 100.0 | *238 | 100.0 | *224,741 | 100.0 | 1,175 | 100.0 | *7 | 100.0 | *2,612 | 100.0 |

* Average.

TABLE 5—CLASSIFICATION OF MINES BY DAYS WORKED.

| Mines working— | Shipping mines. | | | Local mines. | | | All mines. | | |
|-----------------------|-----------------|--------|------------|--------------|-------|-----------|------------|--------|------------|
| | Mines. | Men. | Tons. | Mines. | Men. | Tons. | Mines. | Men. | Tons. |
| Less than 50 days... | 15 | 2,449 | 422,306 | 216 | 1,020 | 56,659 | 231 | 3,469 | 474,965 |
| 50 but less than 100 | 25 | 4,027 | 1,744,536 | 258 | 1,149 | 151,102 | 283 | 5,176 | 1,895,638 |
| 100 but less than 150 | 41 | 11,311 | 8,609,062 | 293 | 1,959 | 571,036 | 334 | 13,270 | 9,180,098 |
| 150 but less than 200 | 58 | 13,711 | 14,134,436 | 232 | 2,368 | 1,047,378 | 290 | 16,079 | 15,181,814 |
| 200 days and over... | 33 | 9,445 | 13,745,187 | 176 | 2,060 | 1,242,376 | 209 | 11,505 | 14,987,563 |
| Total..... | 172 | 40,943 | 38,655,527 | 1,175 | 8,556 | 3,068,551 | 1,347 | 49,499 | 41,724,078 |

TABLE 6—PERCENTAGES OF MINES WORKED, BASED ON TABLE 5.

| Mines working— | Shipping mines. | | | Local mines. | | | All mines. | | |
|----------------------------|-----------------|-------|-------|--------------|-------|-------|--------------|-------|-------|
| | Per cent of— | | | Per cent of— | | | Per cent of— | | |
| | Mines. | Men. | Tons. | Mines. | Men. | Tons. | Mines. | Men. | Tons. |
| Less than 50 days..... | 8.7 | 6.0 | 1.1 | 18.4 | 11.9 | 1.9 | 17.2 | 7.0 | 1.2 |
| 50 but less than 100..... | 14.5 | 9.8 | 4.5 | 22.0 | 13.4 | 4.9 | 21.0 | 10.5 | 4.5 |
| 100 but less than 150..... | 23.9 | 27.6 | 22.3 | 24.9 | 22.9 | 18.6 | 24.8 | 26.8 | 22.0 |
| 150 but less than 200..... | 33.7 | 33.5 | 36.6 | 19.7 | 27.7 | 34.1 | 21.5 | 32.5 | 36.4 |
| 200 days and over..... | 19.2 | 23.1 | 35.5 | 15.0 | 24.1 | 40.5 | 15.5 | 23.2 | 35.9 |
| Total..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TABLE 7—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED.

| Mines employing— | Shipping mines. | | | Local mines. | | | All mines. | | |
|-----------------------|-----------------|--------|------------|--------------|-------|-----------|------------|--------|------------|
| | Mines. | Men. | Tons. | Mines. | Men. | Tons. | Mines. | Men. | Tons. |
| Less than 10 men... | 5 | 29 | 19,248 | 957 | 3,657 | 783,526 | 962 | 3,686 | 802,774 |
| 10 but less than 25 | 18 | 299 | 151,294 | 171 | 2,342 | 978,365 | 189 | 2,641 | 1,129,659 |
| 25 but less than 50 | 14 | 544 | 491,052 | 24 | 767 | 462,152 | 38 | 1,311 | 953,204 |
| 50 but less than 100 | 26 | 1,970 | 2,097,814 | 17 | 1,076 | 581,265 | 43 | 3,046 | 2,679,079 |
| 100 but less than 200 | 34 | 4,787 | 3,960,320 | 6 | 714 | 263,243 | 40 | 5,501 | 4,223,563 |
| 200 but less than 300 | 18 | 4,394 | 5,578,256 | ----- | ----- | ----- | 18 | 4,394 | 5,578,256 |
| 300 but less than 400 | 19 | 6,471 | 4,886,398 | ----- | ----- | ----- | 19 | 6,471 | 4,886,398 |
| 400 but less than 500 | 9 | 3,879 | 2,545,733 | ----- | ----- | ----- | 9 | 3,879 | 2,545,733 |
| 500 but less than 600 | 20 | 10,937 | 12,353,065 | ----- | ----- | ----- | 20 | 10,937 | 12,353,065 |
| 600 but less than 700 | 5 | 3,239 | 3,018,648 | ----- | ----- | ----- | 5 | 3,239 | 3,018,648 |
| 700 but less than 800 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 800 and over..... | 4 | 4,394 | 3,553,699 | ----- | ----- | ----- | 4 | 4,394 | 3,553,699 |
| Total..... | 172 | 40,943 | 38,655,527 | 1,175 | 8,556 | 3,068,551 | 1,347 | 49,499 | 41,724,078 |

TABLE 9—CLASSIFICATION OF SHIPPING

| District. | Less than 50 days. | | | | 50 but less than 100 days. | | | |
|------------------------|--------------------|-------|-------|---------|----------------------------|-------|-------|-----------|
| | Mines. | Days. | Men. | Tons. | Mines. | Days. | Men. | Tons. |
| First..... | | | | | 2 | 91 | 460 | 95,627 |
| Second..... | | | | | | | | |
| Third..... | 1 | 46 | 284 | 35,905 | 2 | 75 | 134 | 22,676 |
| Fourth..... | 2 | 40 | 535 | 128,776 | 1 | 90 | 316 | 134,107 |
| Fifth..... | 1 | 19 | 56 | 15,961 | 1 | 75 | 38 | 20,242 |
| Sixth..... | 1 | 23 | 193 | 18,450 | 2 | 63 | 410 | 87,046 |
| Seventh..... | | | | | 4 | 82 | 530 | 145,647 |
| Eighth..... | 2 | 10 | 79 | 4,358 | 1 | 84 | 57 | 26,683 |
| Ninth..... | 4 | 32 | 221 | 65,323 | 9 | 80 | 1,499 | 759,171 |
| Tenth..... | 2 | 32 | 1,022 | 136,373 | | | | |
| Eleventh..... | | | | | | | | |
| Twelfth..... | 2 | 42 | 59 | 17,160 | 3 | 79 | 583 | 453,337 |
| Total and average..... | 15 | a 31 | 2,449 | 422,306 | 25 | a 80 | 4,027 | 1,744,536 |

a Average.

TABLE 10—CLASSIFICATION OF LOCAL

| District. | Less than 50 days. | | | | 50 but less than 100 days. | | | |
|------------------------|--------------------|-------|-------|--------|----------------------------|-------|-------|---------|
| | Mines. | Days. | Men. | Tons. | Mines. | Days. | Men. | Tons. |
| First..... | 37 | 30 | 361 | 11,612 | 57 | 73 | 299 | 30,763 |
| Second..... | 10 | 25 | 19 | 635 | 20 | 69 | 69 | 6,271 |
| Third..... | 71 | 28 | 158 | 5,420 | 83 | 71 | 241 | 21,623 |
| Fourth..... | 2 | 29 | 13 | 911 | 2 | 75 | 17 | 2,500 |
| Fifth..... | 27 | 31 | 76 | 3,358 | 21 | 76 | 145 | 20,522 |
| Sixth..... | 5 | 34 | 33 | 2,848 | 19 | 72 | 74 | 6,193 |
| Seventh..... | 6 | 29 | 64 | 8,781 | 9 | 74 | 42 | 1,541 |
| Eighth..... | 6 | 31 | 125 | 11,320 | 6 | 72 | 64 | 26,890 |
| Ninth..... | 10 | 30 | 49 | 3,123 | 10 | 76 | 66 | 12,588 |
| Tenth..... | 3 | 28 | 12 | 350 | 2 | 55 | 6 | 191 |
| Eleventh..... | 24 | 27 | 61 | 4,540 | 16 | 70 | 74 | 10,778 |
| Twelfth..... | 15 | 25 | 49 | 3,761 | 13 | 76 | 52 | 11,242 |
| Total and average..... | 216 | a 29 | 1,020 | 56,659 | 258 | a 72 | 1,149 | 151,102 |

a Average.

MINES BY DAYS WORKED—BY DISTRICTS.

| 100 but less than 150 days. | | | | 150 but less than 200 days. | | | | 200 days and over. | | | |
|-----------------------------|-------|--------|-----------|-----------------------------|-------|--------|------------|--------------------|-------|-------|------------|
| Mines. | Days. | Men. | Tons. | Mines. | Days. | Men. | Tons. | Mines. | Days. | Men. | Tons. |
| 1 | 130 | 163 | 38,909 | 1 | 150 | 138 | 69,649 | 3 | 266 | 649 | 1,572,953 |
| 2 | 119 | 133 | 86,040 | 6 | 167 | 1,075 | 605,096 | 2 | 225 | 779 | 963,843 |
| 2 | 131 | 777 | 520,115 | 4 | 180 | 381 | 868,682 | 6 | 246 | 546 | 824,856 |
| 2 | 132 | 723 | 407,477 | 5 | 160 | 1,684 | 1,192,459 | 6 | 222 | 2,418 | 4,081,172 |
| 4 | 126 | 829 | 561,008 | 4 | 183 | 2,159 | 1,639,401 | 1 | 232 | 332 | 164,401 |
| 9 | 126 | 883 | 538,892 | 11 | 178 | 1,618 | 1,315,448 | 6 | 228 | 2,909 | 3,408,831 |
| 6 | 127 | 602 | 615,102 | 10 | 181 | 1,419 | 2,871,229 | 2 | 215 | 916 | 957,232 |
| 7 | 127 | 3,907 | 3,780,143 | 6 | 167 | 3,478 | 3,863,646 | 2 | 241 | 330 | 442,633 |
| 5 | 123 | 2,565 | 1,503,794 | 4 | 169 | 1,247 | 1,227,899 | 2 | 205 | 224 | 939,120 |
| 3 | 125 | 729 | 557,582 | 7 | 171 | 512 | 480,927 | 3 | 229 | 342 | 390,146 |
| 41 | a 126 | 11,311 | 8,609,062 | 58 | a 173 | 13,711 | 14,134,436 | 33 | a 232 | 9,445 | 13,745,187 |

MINES BY DAYS WORKED—BY DISTRICTS.

| 100 but less than 150 days. | | | | 150 but less than 200 days. | | | | 200 days and over. | | | |
|-----------------------------|-------|-------|---------|-----------------------------|-------|-------|-----------|--------------------|-------|-------|-----------|
| Mines. | Days. | Men. | Tons. | Mines. | Days. | Men. | Tons. | Mines. | Days. | Men. | Tons. |
| 44 | 119 | 288 | 71,985 | 34 | 169 | 456 | 137,110 | 25 | 224 | 547 | 325,261 |
| 40 | 123 | 276 | 83,968 | 40 | 169 | 566 | 291,284 | 15 | 227 | 128 | 50,419 |
| 92 | 114 | 394 | 63,615 | 50 | 168 | 271 | 82,335 | 39 | 224 | 296 | 145,169 |
| 15 | 121 | 307 | 122,014 | 11 | 172 | 141 | 89,939 | 9 | 228 | 95 | 51,451 |
| 28 | 119 | 243 | 78,162 | 31 | 168 | 227 | 86,812 | 24 | 224 | 214 | 105,257 |
| 17 | 120 | 63 | 6,910 | 9 | 166 | 75 | 15,972 | 10 | 233 | 92 | 16,660 |
| 4 | 121 | 22 | 5,178 | 10 | 177 | 158 | 75,585 | 7 | 230 | 215 | 188,960 |
| 10 | 123 | 126 | 59,822 | 11 | 166 | 197 | 135,961 | 14 | 229 | 249 | 230,906 |
| 13 | 121 | 56 | 21,575 | 16 | 167 | 131 | 65,968 | 4 | 222 | 15 | 9,552 |
| 10 | 116 | 77 | 28,839 | 6 | 181 | 46 | 19,029 | 6 | 216 | 32 | 18,428 |
| 20 | 117 | 107 | 28,968 | 14 | 172 | 100 | 47,383 | 23 | 241 | 177 | 100,313 |
| 293 | a 118 | 1,959 | 571,036 | 232 | a 169 | 2,368 | 1,047,378 | 176 | a 228 | 2,060 | 1,242,376 |

TABLE 11.—SHIPPING MINES—LOCATION, TONS MINED AND RANK, EMPLOYEES, DAYS WORKED, AVERAGE DAILY PRODUCTION AND RANK, ARRANGED IN ALPHABETICAL ORDER.

| Rank. | Name of operator and mine. | Location. | | Production in tons. | Number employed. | Days worked. | Av. daily production. | |
|-------|--|-----------|----------------------|------------------------|---------------------|-----------------|-----------------------|-------|
| | | District. | Post office of mine. | | | | Tons. | Rank. |
| 159 | Bailey Bros. | 9 | DuQuoin | 4,430 | 15 | 133 | 37 | 164 |
| 142 | Beaucoup Coal Co. | 9 | Pinekneyville | 16,119 | 13 | 201 | 80 | 152 |
| 108 | Beckemeyer Coal Co. | 8 | Beckemeyer | 55,919 | 97 | 194 | 288 | 131 |
| 9 | Bell & Zoller Coal Co., No. 1 | 10 | Zeigler | 887,197 | 612 | 163 | 5,443 | 5 |
| 8 | Bell & Zoller Coal Co., No. 2 | 10 | Zeigler | 890,270 | 927 | 158 | 5,635 | 3 |
| 166 | Bibb Coal Co. | 9 | Pinekneyville | 3,173 | 17 | 91 | 35 | 166 |
| 116 | Blakely Coal Co. | 3 | Canton | 46,591 | 56 | 206 | 226 | 137 |
| 55 | Blue Bird Coal Co. | 11 | Carrier Mills | 263,166 | 100 | 185 | 1,423 | 65 |
| 86 | Blue Hill Coal Co. | 12 | Marion | 92,970 | 95 | 187 | 497 | 105 |
| 137 | Bols Coal Co. | 10 | DuBois | 5,965 | 41 | 58 | 103 | 151 |
| 64 | Brewerton Coal Co., No. 22 | 10 | Sesser | 195,984 | 344 | 103 | 1,903 | 47 |
| 141 | Briar Hill Coal Mining Co., No. 45 | 9 | Pinekneyville | 17,041 | 104 | 34 | 501 | 104 |
| 145 | Buffalo Rock Coal Co. | 1 | Ottawa | 14,714 | 24 | 90 | 163 | 144 |
| 144 | Bullock Mining Co. | 7 | Collinsville | 15,887 | 59 | 85 | 187 | 143 |
| 124 | Canton Coal Co. | 3 | Canton | 35,905 | 284 | 46 | 781 | 89 |
| 126 | Carbon Fuel Co. | 12 | Marion | 34,156 | 37 | 193 | 177 | 145 |
| 163 | Cartersville Mining & Eng. Co. | 12 | Cambria | 3,513 | 16 | 58 | 61 | 155 |
| 84 | Cartersville Peacock Coal Co., No. 2 | 12 | Harrisburg | 94,575 | 39 | 173 | 547 | 99 |
| 48 | Central Illinois Coal Mining Co., "A" | 4 | Springfield | 335,869 | 300 | 203 | 1,655 | 56 |
| 62 | Centralia Coal Co., No. 9 | 9 | Centralia | 230,876 | 219 | 146 | 1,881 | 59 |
| 22 | Chicago, Wilmington & Franklin Coal Co., No. 1 | 10 | Orient | 579,235 | 542 | 126 | 4,597 | 10 |
| 113 | Chicago, Wilmington & Franklin Coal Co., No. 2 | 10 | West Frankfort | 1,206,619 | 1,051 | 133 | 9,072 | 1 |
| 93 | Chicopee Coal Co., No. 1 | 7 | Troy | 49,964 | 111 | 99 | 505 | 102 |
| 94 | Citizens Coal Co., "E" | 8 | Breese | 79,239 | 112 | 190 | 417 | 112 |
| 146 | City Lake Coal Co. | 12 | Herrin | 14,679 | 40 | 134 | 110 | 149 |
| 94 | Clarkson Coal & Mining Co. | 9 | Nashville | 79,068 | 104 | 194 | 408 | 115 |
| 35 | Coal Stripping Co., No. 1 | 5 | Pinekneyville | 372,142 | 80 | 185 | 2,012 | 44 |
| 136 | Coal Stripping Co., No. 2 | 5 | Danville | 20,242 | 38 | 75 | 270 | 132 |
| 170 | Conant Coal Co. | 9 | Conant | 1,927 | 9 | 109 | 18 | 171 |
| 28 | Consolidated Coal Co. of St. Louis, No. 7 | 12 | Herrin | 440,637 | 413 | 135 | 3,264 | 21 |
| 13 | Consolidated Coal Co. of St. Louis, No. 15 | 6 | Mt. Olive | 789,442 | 565 | 205 | 3,551 | 16 |
| 133 | Consumers Coal & Materials Co. | 12 | Marion | 9,678 | 12 | 211 | 46 | 159 |
| 78 | Coulterville Coal Co. | 12 | Coulterville | 127,970 | 187 | 133 | 663 | 93 |
| 44 | Crerar-Clinch Coal Co., No. 14 | 9 | DuQuoin | 332,226 | 650 | 91 | 3,651 | 17 |
| 117 | Crerar-Clinch Coal Co., No. 15 | 9 | DuQuoin | 45,600 | 96 | 32 | 1,425 | 64 |
| 51 | Crescent Mining Co., No. 1 | 2 | Peoria | 295,886 | 378 | 180 | 1,644 | 57 |
| 15 | Crescent Mining Co., No. 6 | 2 | Peoria | 785,092 | 567 | 237 | 3,313 | 20 |
| 83 | Cutler Coal Co., Inc. | 9 | Cutler | 103,671 | 109 | 163 | 836 | 94 |

| | | | | | | |
|-----|---------------------------------------|---------|-----|-----|-------|-----|
| 81 | Dorthel Coal Co., No. 1 | 120,484 | 179 | 167 | 721 | 90 |
| 138 | Dorthel Coal Co., No. 2 | 18,867 | 129 | 54 | 349 | 121 |
| 69 | Dorthel Coal Co., No. 3 | 165,211 | 177 | 192 | 860 | 133 |
| 132 | Eldnar Coal Co. | 27,386 | 44 | 128 | 214 | 139 |
| 151 | Erie Sootless Coal Co. | 10,362 | 71 | 64 | 162 | 146 |
| 147 | Forsyth Carterville Coal Co. | 13,730 | 45 | 34 | 404 | 117 |
| 60 | Franco Mining Corp. | 241,387 | 300 | 159 | 1,518 | 61 |
| 32 | Franklin County Coal Co., Inc., No. 5 | 391,819 | 571 | 129 | 3,637 | 26 |
| 24 | Franklin County Coal Co., Inc., No. 7 | 319,446 | 551 | 180 | 2,886 | 29 |
| 71 | Franklin Mining Co. | 133,925 | 304 | 127 | 1,212 | 71 |
| 115 | Freeburg Coal Co. | 46,800 | 70 | 183 | 256 | 135 |
| 84 | Freeman Coal Mining Co. | 102,266 | 276 | 107 | 956 | 77 |
| 47 | Galesburg Mining Co., No. 1 | 311,751 | 295 | 225 | 1,386 | 67 |
| 109 | Gill Coal Corp. | 54,733 | 119 | 106 | 516 | 101 |
| 46 | Gillespie Coal Co. | 318,866 | 218 | 269 | 1,185 | 72 |
| 110 | Glenwood Mining Co., No. 3 | 51,702 | 119 | 171 | 302 | 127 |
| 99 | Golden Rule Coal Co. | 74,056 | 66 | 151 | 490 | 107 |
| 150 | Golden Rule Coal Co. | 11,602 | 13 | 269 | 43 | 161 |
| 87 | Groom Coal Co. | 90,939 | 100 | 198 | 459 | 110 |
| 123 | Guest Coal Co. | 38,203 | 85 | 132 | 289 | 130 |
| 75 | Gundlach Coal Co. | 134,932 | 129 | 165 | 818 | 86 |
| 66 | Hillsboro Coal Co. | 190,759 | 231 | 208 | 917 | 79 |
| 152 | Home Coal Co. | 10,170 | 22 | 91 | 112 | 148 |
| 121 | Illinois Colliery Co. | 40,653 | 85 | 112 | 363 | 119 |
| 130 | Illinois-Pocahontas Coal Co. | 28,612 | 163 | 58 | 493 | 106 |
| 122 | Illinois Zinc Co., No. 3 | 38,909 | 163 | 130 | 299 | 129 |
| 135 | Ilmo Coal Co. | 21,063 | 35 | 195 | 106 | 150 |
| 171 | Imperial Coal Co. | 742 | 15 | 15 | 49 | 158 |
| 39 | Indiana & Illinois Coal Corp., No. 10 | 358,912 | 565 | 145 | 2,475 | 37 |
| 88 | Jefferson Coal Mining Co., No. 81 | 90,118 | 166 | 216 | 417 | 113 |
| 160 | Jones Bros. Coal Mining Co., No. 1 | 4,040 | 51 | 19 | 213 | 140 |
| 125 | Jones Bros. Coal Mining Co., No. 2 | 35,230 | 123 | 67 | 526 | 100 |
| 68 | Lake Erie Mining Co. | 178,751 | 212 | 212 | 843 | 84 |
| 133 | Lenzburg Coal Co. | 26,683 | 57 | 84 | 318 | 125 |
| 164 | Livings & Smith | 3,809 | 5 | 95 | 162 | 125 |
| 67 | Livingston-Mt. Olive Coal Co., No. 1 | 180,524 | 349 | 142 | 1,271 | 69 |
| 34 | Lumagh Coal Co., No. 2 | 373,006 | 366 | 205 | 1,820 | 51 |
| 70 | Macon County Coal Co. | 164,401 | 332 | 232 | 709 | 92 |
| 82 | Madison County Coal & Mining Co. | 110,797 | 203 | 110 | 1,007 | 76 |
| 59 | Marion County Coal Co. | 241,578 | 253 | 143 | 1,089 | 55 |
| 25 | Midland Electric Coal Corp., No. 1 | 489,968 | 120 | 279 | 1,756 | 53 |
| 29 | Midland Electric Coal Corp., No. 2 | 433,729 | 148 | 274 | 1,563 | 58 |
| 53 | Mine B Coal Co. | 281,873 | 450 | 132 | 2,135 | 39 |
| 57 | Moffat Coal Co. | 251,433 | 400 | 95 | 2,647 | 33 |
| 139 | Mt. Olive Coal Co. | 18,450 | 193 | 23 | 802 | 87 |
| 21 | Mt. Olive & Staunton Coal Co., No. 2 | 584,226 | 550 | 225 | 2,597 | 34 |
| 103 | Mulberry Hill Coal Co. | 66,922 | 73 | 133 | 503 | 103 |
| 2 | Hanna City | | | | | |
| 3 | Farmington | | | | | |
| 3 | Farmington | | | | | |
| 8 | Belleville | | | | | |
| 8 | Moweaqua | | | | | |
| 12 | Carterville | | | | | |
| 12 | Johnston City | | | | | |
| 10 | Herrin | | | | | |
| 10 | Royalton | | | | | |
| 10 | Benton | | | | | |
| 12 | Herrin | | | | | |
| 8 | Marissa | | | | | |
| 8 | Gillespie | | | | | |
| 2 | Edwards | | | | | |
| 8 | Lenzburg | | | | | |
| 8 | Middle Grove | | | | | |
| 8 | Belleville | | | | | |
| 8 | East St. Louis | | | | | |
| 6 | Hillsboro | | | | | |
| 9 | Willisville | | | | | |
| 3 | Farmington | | | | | |
| 7 | Pocahontas | | | | | |
| 1 | Peru | | | | | |
| 9 | Sparta | | | | | |
| 9 | Tumara | | | | | |
| 6 | Nokomis | | | | | |
| 4 | Springfield | | | | | |
| 8 | Marissa | | | | | |
| 9 | Marissa | | | | | |
| 2 | Pecoria | | | | | |
| 8 | Lenzburg | | | | | |
| 3 | Canton | | | | | |
| 7 | Livingston | | | | | |
| 7 | Collinsville | | | | | |
| 5 | Decatur | | | | | |
| 7 | Edwardsville | | | | | |
| 1 | Centralla | | | | | |
| 1 | Atkinson | | | | | |
| 3 | Farmington | | | | | |
| 4 | Springfield | | | | | |
| 9 | Sparta | | | | | |
| 7 | Mt. Olive | | | | | |
| 8 | Freeburg | | | | | |

TABLE 11.—Concluded.

| Rank. | Name of operator and mine. | Location. | | Production in tons. | Number employed. | Days worked. | Av. daily production. | |
|-------|---------------------------------------|-----------|----------------------|---------------------|------------------|--------------|-----------------------|-------|
| | | District. | Post office of mine. | | | | Tons. | Rank. |
| 156 | New Watson Coal Co., No. 1. | 12 | Herrin. | 6,455 | 18 | 177 | 36 | 165 |
| 128 | Norris City Coal Co. | 11 | Norris City. | 31,006 | 79 | 116 | 267 | 133 |
| 5 | Northern Illinois Coal Corp., No. 10. | 1 | Williamston. | 946,801 | 271 | 283 | 3,346 | 19 |
| 134 | Oakwood Coal Co. | 7 | Oakwood. | 23,929 | 46 | 187 | 128 | 147 |
| 110 | Odin Coal Co. | 5 | Odin. | 51,184 | 197 | 84 | 609 | 96 |
| 105 | O. K. Coal Co. | 8 | Marissa. | 63,660 | 143 | 103 | 618 | 95 |
| 18 | Old Ben Coal Corp., No. 8. | 10 | West Frankfort. | 638,555 | 545 | 139 | 4,351 | 13 |
| 98 | Old Ben Coal Corp., No. 14. | 10 | Buckner. | 74,505 | 455 | 23 | 3,239 | 22 |
| 19 | Old Ben Coal Corp., No. 15. | 10 | Ezra. | 680,711 | 506 | 176 | 3,868 | 15 |
| 27 | Old Ben Coal Corp., No. 18. | 12 | Johnston City. | 445,978 | 551 | 93 | 4,795 | 7 |
| 80 | Pana Coal Co., No. 1. | 4 | Pana. | 127,182 | 192 | 179 | 711 | 91 |
| 56 | Panther Creek Mines, Inc., No. 4. | 4 | Springfield. | 260,979 | 416 | 150 | 1,740 | 54 |
| 76 | Panther Creek Mines, Inc., No. 5. | 4 | Springfield. | 134,107 | 316 | 90 | 1,490 | 62 |
| 4 | Peabody Coal Co., No. 7. | 4 | Kincaid. | 986,122 | 527 | 222 | 4,442 | 11 |
| 11 | Peabody Coal Co., No. 8. | 4 | Tovey. | 864,806 | 535 | 221 | 3,913 | 14 |
| 2 | Peabody Coal Co., No. 9. | 4 | Taylorville. | 1,016,754 | 507 | 221 | 4,601 | 9 |
| 106 | Peabody Coal Co., No. 18. | 10 | West Frankfort. | 61,868 | 567 | 40 | 1,547 | 60 |
| 33 | Peabody Coal Co., No. 19. | 10 | West Frankfort. | 374,398 | 579 | 139 | 2,694 | 32 |
| 23 | Peabody Coal Co., No. 24. | 5 | Danville. | 547,031 | 455 | 183 | 2,939 | 27 |
| 26 | Peabody Coal Co., No. 47. | 11 | Harco. | 447,406 | 835 | 125 | 3,579 | 18 |
| 112 | Peabody Coal Co., No. 51. | 4 | Springfield. | 50,437 | 234 | 35 | 1,441 | 63 |
| 61 | Peabody Coal Co., No. 53. | 4 | Springfield. | 238,242 | 327 | 129 | 1,847 | 50 |
| 50 | Peabody Coal Co., No. 57. | 4 | Springfield. | 302,357 | 368 | 162 | 1,866 | 49 |
| 14 | Peabody Coal Co., No. 58. | 4 | Taylorville. | 787,503 | 383 | 246 | 3,201 | 23 |
| 48 | Peabody Coal Co., No. 59. | 4 | Springfield. | 308,010 | 358 | 156 | 1,974 | 46 |
| 167 | Peacock Coal Co. | 9 | Hurst. | 3,033 | 18 | 143 | 91 | 170 |
| 96 | Penwell Coal Mining Co. | 4 | Pana. | 78,339 | 301 | 44 | 1,780 | 52 |
| 90 | Perfection Coal Co. | 9 | DuQuoin. | 83,774 | 38 | 58 | 952 | 78 |
| 91 | Perry Coal Co., "Carbon." | 8 | O'Fallon. | 370,067 | 111 | 144 | 577 | 98 |
| 36 | Perry Coal Co., "St. Ellen." | 8 | O'Fallon. | 870,692 | 235 | 267 | 1,388 | 66 |
| 89 | Prairie Coal Co. | 8 | Belleville. | 84,963 | 171 | 107 | 794 | 88 |
| 92 | Prairie State Coal Co. | 1 | Granville. | 80,913 | 436 | 92 | 879 | 80 |
| 119 | Pschirrer & Sons Coal Co. | 3 | Canton. | 45,387 | 48 | 125 | 363 | 120 |
| 162 | Puritan Coal Co. | 12 | Johnston City. | 3,846 | 16 | 86 | 45 | 160 |
| 6 | Pyramid Coal Corp. | 9 | Pineknayville. | 923,001 | 211 | 208 | 4,438 | 12 |
| 120 | Quality Coal & Mining Co. | 8 | Belleville. | 40,984 | 72 | 136 | 301 | 128 |
| 168 | Radford Coal Co., M. H. | 12 | Marion. | 2,132 | 3 | 163 | 14 | 172 |
| 158 | Reed Coal Co., E. A. | 3 | Canton. | 5,740 | 15 | 165 | 29 | 168 |
| 118 | Rentschler Coal & Mining Co. | 8 | Belleville. | 45,437 | 56 | 194 | 234 | 136 |
| 45 | Rex Coal Co., No. 2. | 11 | Eldorado. | 323,141 | 323 | 160 | 2,020 | 160 |
| 148 | Ring Coal Co., No. 1. | 9 | Cutler. | 12,800 | 17 | 189 | 68 | 154 |

TABLE 12—OUTPUT OF SHIPPING MINES

| Number. | Name of operator. | Name, number or letter of shaft. | Post office address of mine. | Number of days in operation and tons of coal mined. | | | | | | | |
|----------------------------------|------------------------------|---|------------------------------------|--|---------|-----------|---------|--------|---------|--------|--------|
| | | | | January. | | February. | | March. | | April. | |
| | | | | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. |
| HENRY COUNTY—FIRST DISTRICT. | | | | | | | | | | | |
| 1 | Midland Electric Coal Corp. | No. 1 | Atkinson | 26 | 49,310 | 24 | 44,896 | 27 | 56,602 | 24 | 44,226 |
| 2 | Schuler Coal Mining Co. | | Alpha | 23 | 11,047 | 24 | 11,514 | 25 | 12,242 | 9 | 4,270 |
| | Total and average | | | 25 | 60,357 | 24 | 56,410 | 26 | 68,844 | 17 | 48,496 |
| LA SALLE COUNTY—FIRST DISTRICT. | | | | | | | | | | | |
| 1 | Union Coal Co. | | Peru | 22 | 13,315 | 20 | 12,120 | 22 | 13,778 | 19 | 11,085 |
| 2 | Illinois Zinc Co. | No. 3 | Peru | 22 | 7,490 | 20 | 6,889 | 19 | 6,704 | 6 | 1,640 |
| 3 | Buffalo Rock Coal Co. | | Ottawa | | | | | | | | |
| | Total and average | | | 22 | 20,805 | 20 | 19,009 | 21 | 20,482 | 13 | 12,725 |
| PUTNAM COUNTY—FIRST DISTRICT. | | | | | | | | | | | |
| 1 | Prairie State Coal Co. | | Granville | 19 | 18,226 | 15 | 14,087 | 8 | 7,524 | | |
| WILL COUNTY—FIRST DISTRICT. | | | | | | | | | | | |
| 1 | Northern Illinois Coal Corp. | No. 10 | Wilmington | 26 | 95,747 | 24 | 92,213 | 27 | 92,660 | 23 | 78,278 |
| PEORIA COUNTY—SECOND DISTRICT. | | | | | | | | | | | |
| 1 | Crescent Mining Co. | No. 6 | Peoria | 22 | 81,394 | 20 | 75,119 | 22 | 81,053 | 18 | 59,890 |
| 2 | Crescent Mining Co. | No. 1 | Peoria | 22 | 31,726 | 20 | 30,828 | 22 | 34,399 | 17 | 24,734 |
| 3 | Dorthel Coal Co. | No. 1 | Hanna City | 20 | 15,512 | 17 | 13,636 | 19 | 15,599 | 11 | 8,124 |
| 4 | Glenwood Mining Co. | No. 3 | Edwards | 23 | 6,730 | 20 | 6,880 | 21 | 6,495 | 3 | 984 |
| | Total and average | | | 22 | 135,362 | 19 | 126,463 | 21 | 137,546 | 12 | 93,732 |
| TAZEWELL COUNTY—SECOND DISTRICT. | | | | | | | | | | | |
| 1 | Lake Erie Mining Co. | | Peoria | 23 | 15,435 | 21 | 15,423 | 20 | 16,084 | 13 | 9,016 |
| 2 | Ubben Coal Co. | | Pekin | 21 | 5,150 | 18 | 4,952 | 21 | 4,986 | 16 | 1,249 |
| | Total and average | | | 22 | 20,585 | 20 | 20,375 | 21 | 21,070 | 15 | 10,265 |
| WOODFORD COUNTY—SECOND DISTRICT. | | | | | | | | | | | |
| 1 | W. G. Sutton Coal Co. | | Minonk | 22 | 10,460 | 20 | 9,039 | 22 | 9,994 | 7 | 2,386 |
| 2 | Roanoke Coal and Tile Co. | | Roanoke | 23 | 4,748 | 20 | 4,123 | 22 | 4,300 | 5 | 774 |
| | Total and average | | | 23 | 15,208 | 20 | 13,162 | 22 | 14,294 | 6 | 3,160 |
| FULTON COUNTY—THIRD DISTRICT. | | | | | | | | | | | |
| 1 | Midland Electric Coal Corp. | No. 2 | Farmington | 19 | 21,062 | 20 | 26,267 | 21 | 33,955 | 21 | 40,170 |
| 2 | Truax-Traer Coal Co. | | St. David | 18 | 39,983 | 15 | 31,274 | 18 | 38,403 | 10 | 20,770 |
| 3 | United Electric Coal Co. | No. 9 | Cuba | 22 | 43,381 | 16 | 30,841 | 18 | 37,685 | 9 | 17,821 |
| 4 | Dorthel Coal Co. | No. 3 | Farmington | 15 | 14,353 | 17 | 16,116 | 18 | 17,266 | 8 | 6,680 |
| 5 | Blakely Coal Co. | | Canton | 26 | 6,101 | 23 | 6,076 | 26 | 6,018 | 12 | 2,263 |
| 6 | Pschirrer and Sons. | | Canton | 16 | 6,808 | 15 | 6,632 | 15 | 6,454 | 8 | 2,701 |
| 7 | Illinois Colliery Co. | | Farmington | 16 | 6,253 | 15 | 5,471 | 15 | 5,432 | 4 | 1,414 |
| 8 | Canton Coal Co. | | Canton | 8 | 7,510 | 9 | 6,589 | 10 | 7,341 | 5 | 3,244 |
| 9 | Dorthel Coal Co. | No. 2 | Farmington | | | | | | | | |
| 10 | Sunnyside Coal Co. | | Cuba | 25 | 1,154 | 23 | 1,088 | 26 | 1,392 | 8 | 324 |
| 11 | Golden Rule Coal Co. | | Middle Grove | 27 | 1,028 | 24 | 1,038 | 23 | 1,086 | 21 | 778 |
| 12 | George Swords | | Canton | 26 | 755 | 24 | 702 | 26 | 511 | 24 | 666 |
| 13 | E. A. Reed Coal Co. | | Canton | 15 | 462 | 20 | 454 | 11 | 201 | 23 | 567 |
| 14 | Living and Smith | | Peoria | | | | | | | 20 | 581 |
| | Total and average | | | 19 | 148,850 | 18 | 132,548 | 19 | 155,744 | 13 | 97,979 |
| KNOX COUNTY—THIRD DISTRICT. | | | | | | | | | | | |
| 1 | Galesburg Mining Co. | | Galesburg | 20 | 31,336 | 18 | 27,826 | 21 | 32,519 | 18 | 23,374 |

AND DAYS WORKED EACH MONTH IN 1934.

Number of days in operation and tons of coal mined.

| May. | | June. | | July. | | August. | | September | | October. | | November. | | December. | | Total. | | Number. |
|-------|--------|-------|--------|-------|--------|---------|---------|-----------|---------|----------|---------|-----------|---------|-----------|---------|--------|-----------|---------|
| Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | |
| 20 | 35,065 | 22 | 38,025 | 21 | 36,599 | 21 | 38,749 | 20 | 37,124 | 26 | 43,616 | 24 | 34,705 | 24 | 31,051 | 279 | 489,968 | 1 |
| 2 | 1,099 | | | | | | | 13 | 4,097 | 14 | 6,110 | 16 | 7,951 | 24 | 11,319 | 150 | 69,649 | 2 |
| 11 | 36,164 | 22 | 38,025 | 21 | 36,599 | 21 | 38,749 | 17 | 41,221 | 20 | 49,726 | 20 | 42,656 | 24 | 42,370 | 215 | 559,617 | |
| 16 | 9,559 | 16 | 9,502 | 19 | 11,165 | 18 | 8,687 | 21 | 10,769 | 21 | 10,098 | 20 | 12,527 | 22 | 13,579 | 236 | 136,184 | 1 |
| | | | | | | | | | | 22 | 5,031 | 20 | 5,218 | 21 | 5,937 | 130 | 38,909 | 2 |
| | | | | | | | | 20 | 1,771 | 21 | 3,127 | 25 | 4,261 | 24 | 5,555 | 90 | 14,714 | 3 |
| 16 | 9,559 | 16 | 9,502 | 19 | 11,165 | 18 | 8,687 | 21 | 12,540 | 21 | 18,256 | 22 | 22,006 | 22 | 25,071 | 152 | 189,807 | |
| | | | | | | | | | | 8 | 4,542 | 20 | 15,998 | 22 | 20,536 | 92 | 80,913 | 1 |
| 19 | 68,450 | 20 | 61,937 | 24 | 71,632 | 20 | 65,644 | 24 | 70,589 | 27 | 84,973 | 24 | 76,616 | 25 | 88,062 | 283 | 946,801 | 1 |
| 19 | 61,653 | 22 | 66,276 | 23 | 73,039 | 16 | 52,292 | 15 | 47,928 | 21 | 67,359 | 17 | 51,373 | 22 | 67,716 | 237 | 785,092 | 1 |
| 9 | 14,167 | | | | | 16 | 22,596 | 14 | 23,692 | 20 | 35,504 | 18 | 34,895 | 22 | 43,285 | 180 | 295,886 | 2 |
| 8 | 5,601 | | | | | 13 | 7,564 | 18 | 13,705 | 23 | 15,021 | 17 | 11,277 | 21 | 14,445 | 167 | 120,484 | 3 |
| 8 | 1,232 | 5 | 871 | | | 16 | 2,991 | 15 | 3,891 | 17 | 5,385 | 21 | 7,184 | 22 | 9,059 | 171 | 51,702 | 4 |
| 11 | 82,653 | 14 | 67,147 | 23 | 73,039 | 15 | 85,443 | 16 | 89,216 | 20 | 123,329 | 18 | 104,729 | 22 | 134,505 | 189 | 1,253,164 | |
| 15 | 11,000 | 17 | 13,029 | 12 | 8,900 | 17 | 13,524 | 19 | 19,311 | 16 | 16,675 | 17 | 18,034 | 22 | 22,320 | 212 | 178,751 | 1 |
| 5 | 233 | | | | | 8 | 1,087 | 17 | 3,208 | 18 | 3,657 | 19 | 3,950 | 22 | 5,262 | 165 | 33,764 | 2 |
| 10 | 11,233 | 17 | 13,029 | 12 | 8,900 | 13 | 14,611 | 18 | 22,519 | 17 | 20,332 | 18 | 22,014 | 22 | 27,582 | 189 | 212,515 | |
| | | | | | | 18 | 7,066 | 18 | 7,966 | 17 | 7,592 | 19 | 8,677 | 22 | 9,591 | 165 | 72,771 | 1 |
| | | | | | | | | 19 | 2,881 | 23 | 4,507 | 20 | 4,282 | 22 | 4,874 | 154 | 30,489 | 2 |
| | | | | | | 18 | 7,066 | 19 | 10,847 | 20 | 12,099 | 20 | 12,959 | 22 | 14,465 | 160 | 103,260 | |
| 20 | 36,680 | 23 | 39,029 | 25 | 38,733 | 25 | 37,009 | 24 | 29,415 | 27 | 46,729 | 24 | 43,929 | 25 | 40,751 | 274 | 433,729 | 1 |
| 9 | 18,915 | 10 | 21,881 | 12 | 24,734 | 13 | 25,898 | 13 | 25,974 | 15 | 32,511 | 19 | 38,718 | 22 | 41,846 | 174 | 360,907 | 2 |
| 6 | 14,269 | 10 | 15,278 | 6 | 13,519 | 7 | 15,814 | 13 | 28,925 | 15 | 33,735 | 19 | 42,881 | 21 | 42,669 | 162 | 336,818 | 3 |
| 12 | 9,709 | 11 | 8,909 | 16 | 13,748 | 23 | 19,411 | 16 | 13,773 | 20 | 16,059 | 15 | 12,360 | 21 | 16,827 | 192 | 165,211 | 4 |
| 10 | 1,823 | | | 14 | 1,293 | 15 | 2,616 | 16 | 1,896 | 15 | 3,517 | 25 | 5,152 | 24 | 9,836 | 206 | 46,591 | 5 |
| 8 | 133 | 6 | 595 | 7 | 369 | 5 | 1,134 | 7 | 3,063 | 12 | 5,683 | 11 | 4,780 | 15 | 7,035 | 125 | 45,387 | 6 |
| 2 | 733 | 2 | 728 | 3 | 871 | 5 | 1,628 | 8 | 2,876 | 8 | 2,899 | 12 | 4,656 | 22 | 7,692 | 112 | 40,653 | 7 |
| 3 | 2,193 | 2 | 1,383 | 5 | 3,538 | | | 3 | 2,764 | 1 | 1,343 | | | | | 46 | 35,905 | 8 |
| | | | | | | | | | | 18 | 2,992 | 15 | 5,492 | 21 | 10,383 | 54 | 18,867 | 9 |
| 10 | 350 | 8 | 296 | 12 | 452 | 15 | 702 | 23 | 962 | 20 | 1,009 | 22 | 1,244 | 25 | 2,770 | 217 | 11,743 | 10 |
| 21 | 825 | 23 | 996 | 23 | 981 | 21 | 1,050 | 22 | 915 | 22 | 940 | 21 | 1,000 | 21 | 965 | 269 | 11,602 | 11 |
| 23 | 969 | 22 | 720 | 24 | 877 | 20 | 900 | 25 | 718 | 21 | 1,048 | 23 | 877 | 24 | 697 | 282 | 9,440 | 12 |
| 10 | 385 | 14 | 413 | 9 | 200 | 9 | 295 | 16 | 483 | 25 | 878 | 20 | 692 | 23 | 716 | 195 | 5,746 | 13 |
| 26 | 1,087 | 18 | 566 | | | | | | | 8 | 479 | 9 | 432 | 14 | 664 | 95 | 3,809 | 14 |
| 12 | 88,071 | 12 | 90,794 | 13 | 99,315 | 14 | 106,457 | 16 | 111,764 | 16 | 149,822 | 18 | 162,213 | 21 | 182,851 | 172 | 1,526,408 | |
| 14 | 18,965 | 12 | 16,905 | 15 | 20,307 | 19 | 24,916 | 22 | 28,109 | 24 | 30,997 | 19 | 25,303 | 23 | 31,194 | 225 | 311,751 | 1 |

TABLE 12—

| Number. | Name of operator. | Name, number or letter of shaft. | Post office address of mine. | Number of days in operation and tons of coal mined. | | | | | | | |
|-----------------------------------|---|---|------------------------------------|--|---------|-----------|---------|--------|---------|--------|---------|
| | | | | January. | | February. | | March. | | April. | |
| | | | | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. |
| CHRISTIAN COUNTY—FOURTH DISTRICT. | | | | | | | | | | | |
| 1 | Peabody Coal Co..... | No. 9..... | Taylorville..... | 23 | 94,632 | 19 | 88,896 | 18 | 84,489 | 13 | 55,636 |
| 2 | Peabody Coal Co..... | No. 7..... | Kincaid..... | 23 | 96,226 | 20 | 89,118 | 17 | 79,856 | 13 | 55,757 |
| 3 | Peabody Coal Co..... | No. 8..... | Tovey..... | 22 | 74,604 | 21 | 75,372 | 16 | 62,053 | 12 | 43,939 |
| 4 | Peabody Coal Co..... | No. 58..... | Taylorville..... | 23 | 74,422 | 20 | 65,521 | 22 | 73,992 | 18 | 54,819 |
| 5 | Pana Coal Co..... | No. 1..... | Pana..... | 22 | 16,293 | 18 | 15,256 | 21 | 16,365 | 11 | 8,760 |
| 6 | Penwell Coal Mining Co..... | | Pana..... | 10 | 17,988 | 9 | 15,719 | 7 | 14,405 | 2 | 3,075 |
| | Total and average..... | | | 21 | 374,165 | 18 | 349,882 | 17 | 331,160 | 12 | 221,986 |
| SANGAMON COUNTY—FOURTH DISTRICT. | | | | | | | | | | | |
| 1 | Central Illinois Coal Mining Co..... | "A"..... | Springfield..... | 18 | 30,560 | 18 | 31,063 | 21 | 37,232 | 19 | 30,125 |
| 2 | Peabody Coal Co..... | No. 59..... | Springfield..... | 23 | 41,025 | 11 | 20,393 | 16 | 33,010 | 5 | 9,580 |
| 3 | Peabody Coal Co..... | No. 57..... | Springfield..... | 23 | 40,706 | 18 | 34,560 | 18 | 32,922 | 14 | 25,485 |
| 4 | Mine B Coal Co..... | | Springfield..... | 14 | 31,824 | 14 | 31,747 | 17 | 40,717 | 10 | 21,919 |
| 5 | Panther Creek Mines, Inc..... | No. 4..... | Springfield..... | 11 | 20,111 | 12 | 22,288 | 17 | 30,312 | 18 | 31,414 |
| 6 | Peabody Coal Co..... | No. 53..... | Springfield..... | 22 | 40,762 | 11 | 22,125 | 18 | 36,022 | 11 | 19,396 |
| 7 | Sangamon Coal Co..... | No. 2..... | Springfield..... | 22 | 29,766 | 20 | 28,562 | 22 | 29,862 | 13 | 16,790 |
| 8 | Panther Creek Mines, Inc..... | No. 5..... | Springfield..... | 14 | 22,028 | 14 | 22,683 | 15 | 24,678 | -- | -- |
| 9 | Jefferson Coal Mining Co..... | No. 81..... | Springfield..... | 22 | 9,140 | 24 | 9,338 | 25 | 9,447 | 13 | 5,336 |
| 10 | Peabody Coal Co..... | No. 51..... | Springfield..... | 21 | 28,708 | 12 | 18,633 | 2 | 3,096 | -- | -- |
| | Total and average..... | | | 19 | 294,630 | 15 | 241,392 | 17 | 277,298 | 13 | 160,045 |
| MACON COUNTY—FIFTH DISTRICT. | | | | | | | | | | | |
| 1 | Macon County Coal Co..... | | Decatur..... | 26 | 23,825 | 24 | 21,390 | 26 | 23,773 | 18 | 7,120 |
| VERMILION COUNTY—FIFTH DISTRICT. | | | | | | | | | | | |
| 1 | United States Fuel Co..... | Bun..... | Georgetown..... | 14 | 87,766 | 17 | 106,093 | 18 | 112,301 | 19 | 102,930 |
| 2 | Peabody Coal Co..... | No. 24..... | Danville..... | 19 | 61,175 | 19 | 61,120 | 20 | 64,562 | 11 | 32,237 |
| 3 | Tilton Mining Co..... | | Danville..... | 16 | 6,598 | 17 | 6,612 | 20 | 7,962 | 17 | 5,301 |
| 4 | Oakwood Coal Co..... | | Oakwood..... | 22 | 1,349 | 21 | 3,336 | 18 | 2,888 | 5 | 594 |
| 5 | Coal Stripping Co..... | No. 2..... | Danville..... | -- | -- | -- | -- | -- | -- | -- | -- |
| 6 | United Electric Coal Co..... | No. 12..... | Danville..... | 5 | 5,127 | 1 | 612 | 8 | 6,954 | -- | -- |
| | Total and average..... | | | 15 | 162,015 | 15 | 177,773 | 17 | 194,667 | 13 | 141,062 |
| MACOUPIN COUNTY—SIXTH DISTRICT. | | | | | | | | | | | |
| 1 | Consolidated Coal Co. of St. Louis..... | No. 15..... | Mt. Olive..... | 23 | 99,103 | 22 | 94,943 | 25 | 108,870 | 16 | 58,095 |
| 2 | Superior Coal Co..... | No. 2..... | Gillespie..... | 19 | 63,723 | 20 | 68,002 | 23 | 79,020 | 15 | 43,387 |
| 3 | Superior Coal Co..... | No. 3..... | Gillespie..... | 19 | 65,188 | 17 | 58,460 | 18 | 62,074 | 22 | 65,608 |
| 4 | Superior Coal Co..... | No. 1..... | Gillespie..... | 21 | 68,174 | 19 | 61,030 | 20 | 63,365 | 16 | 46,917 |
| 5 | Gillespie Coal Co..... | | Gillespie..... | 24 | 31,705 | 24 | 30,692 | 27 | 35,142 | 12 | 12,660 |
| 6 | Superior Coal Co..... | No. 4..... | Gillespie..... | -- | -- | -- | -- | -- | -- | -- | -- |
| 7 | Virden Coal Co..... | | Virden..... | 19 | 8,663 | 18 | 8,215 | 18 | 7,515 | 4 | 1,484 |
| 8 | Mt. Olive Coal Co..... | | Mt. Olive..... | -- | -- | -- | -- | -- | -- | -- | -- |
| | Total and average..... | | | 21 | 336,556 | 20 | 321,342 | 22 | 355,986 | 14 | 228,151 |
| MONTGOMERY COUNTY—SIXTH DISTRICT. | | | | | | | | | | | |
| 1 | Indiana and Illinois Coal Corp..... | | Nokomis..... | 21 | 47,807 | 18 | 44,459 | 21 | 54,435 | 9 | 20,476 |
| 2 | Hillsboro Coal Co..... | No. 1..... | Hillsboro..... | 24 | 24,650 | 24 | 26,663 | 26 | 28,477 | 10 | 9,294 |
| | Total and average..... | | | 23 | 72,457 | 21 | 71,122 | 24 | 82,912 | 10 | 29,770 |
| SHELBY COUNTY—SIXTH DISTRICT. | | | | | | | | | | | |
| 1 | Erie Sootless Coal Co..... | | Moweaqua..... | 23 | 3,835 | 21 | 3,324 | 14 | 2,653 | -- | -- |

Continued.

Number of days in operation and tons of coal mined.

| May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | | Total. | | Number. |
|-------|---------|-------|---------|-------|---------|---------|---------|------------|---------|----------|---------|-----------|---------|-----------|---------|--------|-----------|---------|
| Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | |
| 21 | 93,374 | 21 | 97,497 | 22 | 96,362 | 18 | 99,458 | 21 | 101,716 | 23 | 110,777 | 19 | 90,085 | 22 | 100,194 | 221 | 1,016,754 | 1 |
| 2 | 7,730 | 22 | 96,905 | 22 | 81,152 | 23 | 79,592 | 21 | 93,747 | 23 | 105,618 | 20 | 90,236 | 21 | 94,975 | 222 | 986,122 | 2 |
| 21 | 77,234 | 22 | 54,228 | 22 | 68,051 | 21 | 92,089 | 20 | 81,740 | 23 | 97,026 | 19 | 82,943 | 22 | 96,654 | 221 | 864,806 | 3 |
| 18 | 56,534 | 17 | 6,515 | 5 | 3,177 | 8 | 65,950 | 19 | 61,749 | 23 | 74,864 | 21 | 65,904 | 22 | 71,469 | 246 | 787,503 | 4 |
| 8 | 4,227 | 12 | | | | | 5,064 | 19 | 12,727 | 20 | 13,630 | 15 | 10,957 | 20 | 14,211 | 179 | 127,182 | 5 |
| -- | | | | | | | | | | 3 | 4,922 | 5 | 8,024 | 8 | 14,206 | 44 | 78,339 | 6 |
| 14 | 239,099 | 18 | 255,145 | 18 | 248,742 | 18 | 342,153 | 20 | 351,679 | 19 | 406,837 | 17 | 348,149 | 19 | 391,709 | 189 | 3,860,706 | |
| 13 | 21,979 | 13 | 21,411 | 15 | 23,573 | 15 | 24,304 | 17 | 27,939 | 17 | 27,866 | 15 | 24,548 | 22 | 35,269 | 203 | 335,869 | 1 |
| 1 | 1,570 | 9 | 15,420 | 17 | 33,158 | 13 | 25,375 | 18 | 36,870 | 14 | 29,084 | 11 | 23,896 | 18 | 38,629 | 156 | 308,010 | 2 |
| 14 | 26,342 | 7 | 13,036 | 15 | 27,663 | 10 | 19,700 | 7 | 13,766 | 8 | 16,234 | 9 | 15,703 | 19 | 36,240 | 162 | 302,357 | 3 |
| 6 | 12,418 | 6 | 11,585 | 7 | 13,654 | 7 | 13,494 | 10 | 20,224 | 11 | 22,437 | 11 | 23,006 | 19 | 38,848 | 132 | 281,873 | 4 |
| 12 | 20,589 | 8 | 14,096 | 10 | 17,024 | 12 | 21,423 | 9 | 15,565 | 10 | 14,137 | 13 | 22,473 | 18 | 31,547 | 150 | 260,979 | 5 |
| 5 | 8,836 | -- | | | | | | 13 | 21,297 | 14 | 25,273 | 15 | 27,655 | 20 | 36,876 | 129 | 238,242 | 6 |
| 7 | 6,406 | -- | | | | 2 | 1,391 | 14 | 17,322 | 12 | 15,223 | 18 | 20,517 | 22 | 28,092 | 152 | 193,931 | 7 |
| | | | | | | | | 7 | 7,001 | 12 | 16,317 | 11 | 16,461 | 17 | 24,939 | 90 | 134,107 | 8 |
| 15 | 5,776 | 16 | 7,346 | 16 | 7,279 | 18 | 8,217 | 17 | 8,141 | 19 | 7,333 | 19 | 7,404 | 12 | 5,361 | 216 | 90,118 | 9 |
| -- | | | | | | | | | | | | | | | | 35 | 50,437 | 10 |
| 9 | 103,916 | 10 | 82,894 | 13 | 122,351 | 11 | 113,904 | 13 | 168,125 | 13 | 173,904 | 14 | 181,663 | 19 | 275,801 | 143 | 2,195,923 | |
| 5 | 2,626 | 10 | 3,876 | 13 | 4,226 | 15 | 5,506 | 24 | 16,434 | 24 | 12,171 | 23 | 20,332 | 24 | 23,122 | 232 | 164,401 | 1 |
| 17 | 89,258 | 14 | 74,275 | 11 | 57,914 | 13 | 71,020 | 10 | 55,194 | 14 | 76,673 | 15 | 79,647 | 18 | 96,333 | 180 | 1,009,404 | 1 |
| 6 | 17,180 | 13 | 37,241 | 11 | 31,423 | 11 | 31,905 | 13 | 38,145 | 16 | 46,664 | 22 | 63,313 | 22 | 62,066 | 183 | 547,031 | 2 |
| 8 | 2,481 | 11 | 3,300 | 12 | 3,637 | 17 | 5,198 | 13 | 3,986 | 12 | 3,688 | 18 | 4,288 | 21 | 5,986 | 182 | 59,037 | 3 |
| 12 | 1,871 | 9 | 1,150 | 8 | 1,119 | 14 | 1,869 | 16 | 1,903 | 16 | 1,864 | 21 | 2,370 | 25 | 3,616 | 187 | 23,929 | 4 |
| 5 | 3,268 | -- | | | | 8 | 699 | 9 | 1,829 | 16 | 4,950 | 17 | 5,178 | 25 | 7,586 | 75 | 20,242 | 5 |
| | | | | | | | | | | | | | | | | 19 | 15,961 | 6 |
| 10 | 114,058 | 12 | 115,966 | 10 | 94,093 | 13 | 110,691 | 12 | 101,057 | 15 | 133,839 | 19 | 154,796 | 24 | 175,587 | 138 | 1,675,604 | |
| 10 | 36,724 | 10 | 36,205 | 12 | 43,275 | 15 | 54,322 | 14 | 50,225 | 17 | 60,071 | 18 | 64,637 | 23 | 82,972 | 205 | 789,442 | 1 |
| 17 | 48,342 | 14 | 40,466 | 19 | 56,540 | 24 | 71,681 | 23 | 68,830 | 20 | 59,181 | 21 | 64,469 | 20 | 62,484 | 235 | 726,125 | 2 |
| 16 | 49,131 | 13 | 38,693 | 24 | 72,498 | 17 | 51,325 | 23 | 70,325 | 26 | 83,074 | 17 | 53,616 | 16 | 51,041 | 228 | 721,033 | 3 |
| 16 | 46,552 | 17 | 48,439 | 18 | 51,027 | 21 | 60,308 | 17 | 48,643 | 20 | 56,390 | 19 | 54,490 | 20 | 57,271 | 224 | 662,606 | 4 |
| 19 | 22,153 | 22 | 26,098 | 20 | 23,199 | 23 | 26,491 | 24 | 27,403 | 26 | 29,507 | 24 | 26,792 | 24 | 27,024 | 269 | 318,866 | 5 |
| 2 | 229 | 1 | 195 | 1 | 345 | 3 | 992 | 12 | 4,341 | 9 | 16,843 | 24 | 31,204 | 20 | 28,637 | 61 | 76,684 | 6 |
| -- | | | | | | | | | | 6 | 3,532 | 12 | 4,701 | 20 | 8,353 | 119 | 48,565 | 7 |
| | | | | | | | | | | | 3,674 | 6 | 4,897 | 11 | 9,879 | 23 | 18,450 | 8 |
| 13 | 203,131 | 13 | 190,096 | 16 | 246,884 | 17 | 265,119 | 19 | 269,767 | 18 | 312,272 | 18 | 304,806 | 19 | 327,661 | 171 | 3,361,771 | |
| 7 | 16,683 | 7 | 16,485 | 6 | 13,962 | 7 | 16,866 | 10 | 26,427 | 11 | 27,657 | 11 | 29,654 | 17 | 44,001 | 145 | 358,912 | 1 |
| 11 | 8,792 | 9 | 7,323 | 15 | 12,368 | 11 | 8,622 | 15 | 12,449 | 18 | 14,849 | 20 | 16,679 | 25 | 20,593 | 208 | 190,759 | 2 |
| 9 | 25,475 | 8 | 23,808 | 11 | 26,330 | 9 | 25,488 | 13 | 38,876 | 15 | 42,506 | 16 | 46,333 | 21 | 64,594 | 177 | 549,671 | |
| -- | | | | | | | | | | | | | | 6 | 550 | 64 | 10,362 | 1 |

TABLE 12—

| Number. | Name of operator. | Name, number or letter of shaft. | Post office address of mine. | Number of days in operation and tons of coal mined. | | | | | | | |
|-----------------------------------|----------------------------------|----------------------------------|------------------------------|---|---------|-----------|---------|--------|---------|--------|--------|
| | | | | January. | | February. | | March. | | April. | |
| | | | | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. |
| BOND COUNTY—SEVENTH DISTRICT. | | | | | | | | | | | |
| 1 | Illinois Pocahontas Coal Co. | | Pocahontas | | | | | | | | |
| MADISON COUNTY—SEVENTH DISTRICT. | | | | | | | | | | | |
| 1 | Mt. Olive and Staunton Coal Co. | No. 2 | Staunton | 15 | 38,007 | 24 | 63,082 | 26 | 71,041 | 22 | 54,297 |
| 2 | Lumaghi Coal Co. | No. 2 | Collinsville | 19 | 41,392 | 19 | 41,987 | 17 | 38,189 | 11 | 14,818 |
| 3 | Livingston-Mt. Olive Coal Co. | No. 1 | Livingston | 19 | 24,823 | 18 | 23,456 | 20 | 26,968 | 8 | 9,859 |
| 4 | Madison County Coal & Mining Co. | | Edwardsville | 19 | 19,029 | 14 | 14,558 | 10 | 10,211 | | |
| 5 | Chicopee Coal Co. | | Troy | 7 | 5,175 | 11 | 6,618 | 4 | 2,576 | 1 | 449 |
| 6 | Stiers Bros. Construction Co. | | Moro | | | | | 8 | 909 | 8 | 1,468 |
| 7 | Bullock Mining Co. | | Collinsville | | | | | | | | |
| | Total and average | | | 16 | 128,426 | 17 | 149,701 | 14 | 149,894 | 10 | 80,891 |
| MARION COUNTY—SEVENTH DISTRICT. | | | | | | | | | | | |
| 1 | Marion County Coal Co. | | Centralia | 17 | 30,697 | 16 | 29,220 | 19 | 34,778 | 10 | 16,590 |
| 2 | Odin Coal Co. | | Odin | 13 | 8,968 | 15 | 8,611 | 10 | 5,961 | | |
| | Total and average | | | 15 | 39,665 | 16 | 37,831 | 15 | 40,739 | 10 | 16,590 |
| CLINTON COUNTY—EIGHTH DISTRICT. | | | | | | | | | | | |
| 1 | Southern Coal, Coke & Mining Co. | No. 9 | New Baden | 23 | 27,295 | 20 | 23,755 | 22 | 28,873 | 2 | 2,452 |
| 2 | Citizens Coal Co. | 'E' | Breese | 19 | 7,649 | 21 | 8,717 | 17 | 6,533 | 9 | 3,164 |
| 3 | Beckemeyer Coal Co. | | Beckemeyer | 20 | 5,340 | 21 | 7,462 | 19 | 6,408 | 3 | 831 |
| | Total and average | | | 21 | 40,284 | 21 | 39,934 | 19 | 41,814 | 5 | 6,447 |
| ST. CLAIR COUNTY—EIGHTH DISTRICT. | | | | | | | | | | | |
| 1 | St. Louis and O'Fallon Coal Co. | No. 2 | East St. Louis | 15 | 43,349 | 19 | 52,860 | 22 | 56,626 | 8 | 19,559 |
| 2 | Perry Coal Co. | St. Ellen | O'Fallon | 24 | 38,597 | 20 | 30,153 | 27 | 41,937 | 17 | 24,357 |
| 3 | Southern Coal, Coke & Mining Co. | No. 7 | Belleville | 23 | 23,058 | 20 | 19,815 | 22 | 21,505 | 6 | 5,313 |
| 4 | Gundlach Coal Co. | | East St. Louis | 15 | 12,095 | 15 | 12,411 | 21 | 17,852 | 11 | 8,747 |
| 5 | Groom Coal Co. | | Belleville | 21 | 12,187 | 19 | 12,050 | 16 | 7,962 | 6 | 2,966 |
| 6 | Prairie Coal Co. | | Belleville | 14 | 11,060 | 15 | 11,772 | 9 | 6,666 | 1 | 1,552 |
| 7 | Perry Coal Co. | Carbon | O'Fallon | 26 | 16,041 | 24 | 14,508 | 26 | 15,929 | | |
| 8 | Vinegar Hill Coal Co. | | Lenzburg | 22 | 13,157 | 20 | 11,891 | 22 | 12,266 | 9 | 4,589 |
| 9 | Golden Rule Coal Co. | | Lenzburg | 23 | 12,064 | 19 | 9,260 | 23 | 11,219 | 10 | 4,261 |
| 10 | Service Coal Co. | | Belleville | 26 | 10,961 | 24 | 10,419 | 27 | 10,376 | 14 | 3,546 |
| 11 | Mulberry Hill Coal Co. | | Freeburg | 18 | 9,604 | 19 | 12,371 | 19 | 11,285 | 2 | 1,066 |
| 12 | White Coal Co. | | Belleville | 25 | 10,070 | 24 | 11,772 | 24 | 8,510 | 10 | 2,481 |
| 13 | O. K. Coal Co. | | Marissa | 15 | 7,099 | 16 | 10,245 | 13 | 8,442 | 6 | 3,450 |
| 14 | Gill Coal Co. | | Marissa | 19 | 10,435 | 21 | 11,575 | 22 | 12,335 | 2 | 902 |
| 15 | Freeburg Coal Co. | | Freeburg | 24 | 6,296 | 23 | 6,640 | 25 | 6,361 | 1 | 139 |
| 16 | Rentschler Coal & Mining Co. | | Belleville | 24 | 5,539 | 23 | 5,407 | 20 | 4,749 | 4 | 402 |
| 17 | Quality Coal and Mining Co. | | Belleville | 19 | 6,603 | 18 | 6,956 | 15 | 5,344 | 2 | 787 |
| 18 | Guest Coal Co. | | Belleville | 21 | 6,628 | 24 | 8,109 | 18 | 5,650 | 1 | 254 |
| 19 | Eldnar Coal Co. | | Belleville | 21 | 4,178 | 16 | 3,150 | 14 | 2,500 | | |
| 20 | Lenzburg Coal Co. | | Lenzburg | 18 | 6,108 | 18 | 5,837 | 18 | 6,131 | 1 | 308 |
| 21 | Jones Bros. Coal Mining Co. | No. 1 | Marissa | 10 | 2,061 | 9 | 1,979 | | | | |
| 22 | United Electric Coal Co. | No. 23 | Freeburg | | | | | | | | |
| | Total and average | | | 20 | 267,190 | 19 | 269,180 | 20 | 273,645 | 6 | 84,679 |
| JACKSON COUNTY—NINTH DISTRICT. | | | | | | | | | | | |
| 1 | Union Colliery Co. | | Dowell | 17 | 82,284 | 16 | 74,406 | 18 | 90,037 | 11 | 47,246 |
| 2 | Truax-Traer Coal Co. | No. 2 | Elkville | 15 | 39,523 | 12 | 30,259 | 16 | 39,420 | 9 | 21,697 |
| 3 | Truax-Traer Coal Co. | No. 1 | Elkville | 8 | 18,107 | 10 | 20,918 | 5 | 11,373 | 5 | 13,209 |
| 4 | Peacock Coal Co. | No. 1 | Hurst | 10 | 184 | 20 | 244 | 6 | 124 | 4 | 83 |
| | Total and average | | | 13 | 140,098 | 15 | 125,827 | 11 | 140,954 | 7 | 82,235 |

Continued.

Number of days in operation and tons of coal mined.

| May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | | Total. | | Number. |
|-------|---------|-------|---------|-------|---------|---------|---------|------------|---------|----------|---------|-----------|---------|-----------|---------|--------|-----------|---------|
| Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | |
| | | | | | | | | 14 | 6,160 | 12 | 5,959 | 13 | 6,062 | 19 | 10,431 | 58 | 28,612 | 1 |
| 17 | 41,864 | 13 | 33,416 | 11 | 28,264 | 16 | 40,215 | 16 | 40,146 | 19 | 52,155 | 22 | 57,667 | 24 | 64,072 | 225 | 584,226 | 1 |
| 12 | 12,658 | 11 | 12,844 | 13 | 15,202 | 20 | 32,104 | 23 | 38,906 | 20 | 39,685 | 19 | 40,390 | 21 | 44,831 | 205 | 373,006 | 2 |
| 7 | 8,661 | 8 | 10,277 | 6 | 8,120 | 6 | 7,755 | 10 | 12,481 | 11 | 12,531 | 13 | 15,521 | 16 | 20,072 | 142 | 180,524 | 3 |
| | | | | | | 5 | 1,347 | 15 | 14,561 | 15 | 15,360 | 12 | 13,641 | 20 | 22,090 | 110 | 110,797 | 4 |
| 1 | 360 | 2 | 639 | 2 | 531 | 6 | 2,305 | 16 | 7,740 | 15 | 7,339 | 13 | 6,746 | 21 | 9,486 | 99 | 49,964 | 5 |
| 11 | 3,201 | 12 | 3,116 | 12 | 3,130 | 14 | 4,334 | 8 | 1,952 | 7 | 2,353 | 10 | 3,066 | 17 | 4,580 | 107 | 28,109 | 6 |
| | | | | | | | | 15 | 1,730 | 23 | 3,951 | 22 | 4,587 | 25 | 5,619 | 85 | 15,887 | 7 |
| 10 | 66,744 | 9 | 60,292 | 9 | 55,247 | 11 | 88,060 | 15 | 117,516 | 16 | 133,374 | 16 | 141,618 | 21 | 170,750 | 139 | 1,342,513 | |
| 8 | 12,921 | | | | | 10 | 15,320 | 12 | 19,756 | 14 | 22,642 | 17 | 27,028 | 20 | 32,626 | 143 | 241,578 | 1 |
| | | | | | | 8 | 4,169 | 10 | 6,412 | 8 | 5,162 | 8 | 4,728 | 12 | 7,173 | 84 | 51,184 | 2 |
| 8 | 12,921 | | | | | 9 | 19,489 | 11 | 26,168 | 11 | 27,804 | 13 | 31,756 | 16 | 39,799 | 114 | 292,762 | |
| 9 | 1,769 | 23 | 4,589 | 15 | 2,956 | 7 | 1,388 | 10 | 6,530 | 8 | 8,763 | 12 | 14,665 | 20 | 26,057 | 171 | 149,092 | 1 |
| 4 | 1,576 | 10 | 4,326 | 11 | 4,755 | 16 | 6,920 | 21 | 8,738 | 20 | 8,360 | 20 | 8,305 | 22 | 10,196 | 190 | 79,239 | 2 |
| 4 | 764 | 6 | 1,087 | 11 | 1,819 | 17 | 3,718 | 21 | 4,580 | 26 | 7,473 | 22 | 6,715 | 24 | 9,722 | 194 | 55,919 | 3 |
| 6 | 4,109 | 13 | 10,002 | 12 | 9,530 | 13 | 12,026 | 17 | 19,848 | 18 | 24,596 | 18 | 29,685 | 22 | 45,975 | 185 | 284,250 | |
| 11 | 27,184 | 8 | 19,910 | 13 | 33,259 | 10 | 25,897 | 13 | 33,087 | 14 | 35,232 | 13 | 33,974 | 16 | 39,837 | 162 | 420,774 | 1 |
| 16 | 20,764 | 19 | 24,801 | 22 | 27,834 | 26 | 32,102 | 23 | 29,161 | 24 | 33,876 | 24 | 32,711 | 25 | 34,399 | 267 | 370,692 | 2 |
| | | | | 13 | 7,015 | 16 | 10,211 | 19 | 14,039 | 17 | 13,987 | 19 | 17,194 | 21 | 19,642 | 176 | 151,779 | 3 |
| 9 | 6,899 | 11 | 8,851 | 11 | 8,779 | 12 | 10,063 | 12 | 9,913 | 13 | 10,657 | 16 | 13,426 | 19 | 15,239 | 165 | 134,932 | 4 |
| 5 | 2,578 | 5 | 2,766 | 8 | 2,821 | 20 | 5,585 | 22 | 9,864 | 27 | 9,766 | 24 | 9,886 | 25 | 12,508 | 198 | 90,939 | 5 |
| | | | | 1 | 768 | 8 | 5,932 | 14 | 9,877 | 12 | 9,034 | 13 | 10,395 | 20 | 17,907 | 107 | 84,963 | 6 |
| | | | | | | | | 15 | 7,700 | 11 | 6,222 | 17 | 9,250 | 25 | 13,417 | 144 | 83,067 | 7 |
| 6 | 2,923 | 3 | 1,430 | 7 | 3,237 | 8 | 4,005 | 10 | 5,221 | 10 | 5,382 | 11 | 5,892 | 17 | 8,981 | 145 | 78,974 | 8 |
| 6 | 2,748 | 7 | 3,338 | 7 | 3,400 | 7 | 3,323 | 9 | 4,288 | 10 | 4,801 | 11 | 5,925 | 19 | 9,429 | 151 | 74,056 | 9 |
| 4 | 943 | | | 11 | 1,980 | 12 | 2,603 | 21 | 6,152 | 27 | 6,713 | 24 | 8,438 | 25 | 9,810 | 215 | 71,941 | 10 |
| | | | | 4 | 826 | 12 | 3,287 | 14 | 5,968 | 13 | 5,874 | 14 | 6,866 | 18 | 9,775 | 133 | 66,922 | 11 |
| 5 | 1,986 | | | | | | | 13 | 4,007 | 27 | 7,636 | 24 | 8,872 | 25 | 11,147 | 177 | 66,481 | 12 |
| 7 | 4,375 | 4 | 2,239 | 4 | 2,260 | 5 | 2,949 | 7 | 3,802 | 5 | 3,304 | 8 | 4,750 | 13 | 10,745 | 103 | 63,660 | 13 |
| | | | | | | | | 4 | 1,290 | 6 | 2,791 | 11 | 5,262 | 21 | 10,143 | 106 | 54,733 | 14 |
| 3 | 600 | | | | | 10 | 1,786 | 25 | 6,659 | 25 | 6,354 | 23 | 5,340 | 24 | 6,625 | 183 | 46,800 | 15 |
| | | 3 | 386 | 19 | 4,600 | 19 | 4,059 | 16 | 3,308 | 20 | 4,841 | 21 | 5,675 | 25 | 6,471 | 194 | 45,437 | 16 |
| | | | | | | | | 20 | 3,149 | 21 | 4,298 | 18 | 5,659 | 22 | 8,043 | 136 | 40,984 | 17 |
| 1 | 145 | | | | | 2 | 511 | 11 | 3,004 | 14 | 3,454 | 18 | 4,173 | 23 | 6,390 | 132 | 38,203 | 18 |
| | | | | 3 | 550 | 17 | 2,550 | 17 | 4,354 | 21 | 5,704 | 9 | 2,300 | 10 | 2,100 | 128 | 27,386 | 19 |
| | | | | | | 6 | 1,656 | 9 | 2,525 | 3 | 901 | 5 | 1,440 | 6 | 1,777 | 84 | 26,683 | 20 |
| | | | | | | | | | | | | | | | | 19 | 4,040 | 21 |
| | | | | | | | | 1 | 318 | | | | | | | 1 | 318 | 22 |
| 7 | 71,145 | 8 | 63,721 | 9 | 97,329 | 12 | 116,519 | 14 | 167,686 | 16 | 180,537 | 16 | 197,425 | 20 | 254,385 | 142 | 2,043,764 | |
| 15 | 69,508 | 18 | 79,646 | 17 | 78,636 | 20 | 96,743 | 16 | 72,561 | 15 | 69,451 | 12 | 52,739 | 11 | 49,991 | 186 | 863,248 | 1 |
| 15 | 36,944 | 10 | 25,392 | 11 | 19,675 | 14 | 27,836 | 14 | 29,646 | 15 | 33,441 | 19 | 32,949 | 15 | 29,136 | 165 | 365,921 | 2 |
| | | 9 | 20,765 | 8 | 18,523 | 8 | 18,590 | 11 | 23,314 | 11 | 23,884 | 19 | 37,939 | 22 | 40,242 | 116 | 246,864 | 3 |
| 10 | 413 | 18 | 502 | 7 | 120 | | 160 | 12 | 293 | 15 | 396 | 20 | 393 | 11 | 123 | 143 | 3,035 | 4 |
| 13 | 106,865 | 14 | 126,305 | 11 | 116,957 | 13 | 143,329 | 13 | 125,814 | 14 | 127,172 | 18 | 124,020 | 15 | 119,492 | 153 | 1,479,068 | |

TABLE 12—

| Number. | Name of operator. | Name, number or letter of shaft. | Post office address of mine. | Number of days in operation and tons of coal mined. | | | | | | | | |
|-----------------------------------|---|---|------------------------------------|--|---------|-----------|---------|--------|---------|--------|---------|--|
| | | | | January. | | February. | | March. | | April. | | |
| | | | | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | |
| PERRY COUNTY—NINTH DISTRICT. | | | | | | | | | | | | |
| 1 | Pyramid Coal Corp. | | Pinckneyville. | 19 | 85,473 | 18 | 86,008 | 17 | 81,591 | 17 | 75,015 | |
| 2 | United Electric Coal Co. | No. 11. | DuQuoin. | 16 | 89,298 | 15 | 84,797 | 16 | 88,323 | 14 | 77,021 | |
| 3 | Coal Stripping Co. | No. 1. | Pinckneyville. | 16 | 35,284 | 18 | 42,675 | 15 | 39,361 | 12 | 26,216 | |
| 4 | Crerar-Clinch Coal Co. | No. 14. | DuQuoin. | 8 | 32,513 | 8 | 33,256 | 7 | 29,130 | 5 | 17,326 | |
| 5 | Coulterville Coal Co. | | Coulterville. | 20 | 13,016 | 21 | 13,510 | 27 | 19,062 | 9 | 5,954 | |
| 6 | Cutler Coal Co., Inc. | | Cutler. | 13 | 12,332 | 17 | 10,639 | 22 | 15,922 | 9 | 5,600 | |
| 7 | Perfection Coal Co. | | DuQuoin. | 11 | 11,093 | 12 | 11,609 | 10 | 9,893 | 5 | 4,328 | |
| 8 | Crerar-Clinch Coal Co. | No. 15. | DuQuoin. | | | | | | | | | |
| 9 | Winkle Coal Co. | | Swanwick. | 19 | 5,192 | 24 | 4,583 | 26 | 5,753 | 12 | 2,797 | |
| 10 | Whip-Poor-Will Coal & Mining Co. | No. 44. | Cutler. | | | | | | | | | |
| 11 | Briar Hill Coal Mining Co. | No. 45. | Pinckneyville. | 10 | 5,151 | 12 | 5,683 | 3 | 2,280 | | | |
| 12 | Beaucoup Coal Co. | | Pinckneyville. | 20 | 1,646 | 19 | 1,282 | 18 | 1,267 | 12 | 1,077 | |
| 13 | Ring Coal Co. | | Cutler. | 23 | 1,100 | 24 | 1,000 | 21 | 1,200 | 12 | 800 | |
| 14 | Home Coal Co. | | Willisville. | 13 | 1,397 | 14 | 1,489 | 11 | 1,324 | 6 | 667 | |
| 15 | Bailey Bros. Coal Co. | | DuQuoin. | 18 | 639 | 18 | 653 | 14 | 520 | 2 | 41 | |
| 16 | Tamaroa Coal Co. | | Tamaroa. | 18 | 430 | 17 | 415 | 25 | 610 | 7 | 170 | |
| 17 | Bibby Coal Co. | | Pinckneyville. | 15 | 590 | 11 | 373 | 12 | 275 | 4 | 73 | |
| 18 | Talbott Coalery Co. | | DuQuoin. | | | | | | | | | |
| 19 | Conant Coal Co. | | Conant. | | | | | | | | | |
| 20 | Imperial Coal Co. | | Tamaroa. | | | | | | | | | |
| Total and average. | | | | 16 | 295,154 | 17 | 297,972 | 16 | 296,511 | 8 | 217,085 | |
| RANDOLPH COUNTY—NINTH DISTRICT. | | | | | | | | | | | | |
| 1 | Moffat Coal Co. | | Sparta. | 9 | 25,752 | 8 | 23,106 | 9 | 26,162 | 9 | 22,988 | |
| 2 | St. Louis Coal Co. | | Coulterville. | 16 | 17,622 | 14 | 15,547 | 17 | 20,515 | 5 | 5,373 | |
| 3 | Jones Bros. Coal Mining Co. | No. 2. | Marissa. | 11 | 5,415 | 10 | 4,985 | 8 | 4,042 | 2 | 1,086 | |
| 4 | Illmo Coal Co. | | Sparta. | 20 | 3,223 | 18 | 2,819 | 12 | 2,505 | 20 | 2,002 | |
| Total and average. | | | | 14 | 52,012 | 13 | 46,457 | 12 | 53,224 | 9 | 31,449 | |
| WASHINGTON COUNTY—NINTH DISTRICT. | | | | | | | | | | | | |
| 1 | Centralia Coal Co. | No. 5. | Centralia. | 10 | 18,731 | 10 | 19,015 | 11 | 20,810 | 6 | 10,317 | |
| 2 | Clarkson Coal & Mining Co. | | Nashville. | 21 | 9,951 | 20 | 8,006 | 21 | 9,377 | 12 | 4,691 | |
| 3 | Bois Coal Co. | | DuBois. | | | | | | | | | |
| Total and average. | | | | 16 | 28,682 | 15 | 27,021 | 16 | 30,187 | 9 | 15,008 | |
| FRANKLIN COUNTY—TENTH DISTRICT. | | | | | | | | | | | | |
| 1 | Chicago, Wilmington & Franklin Coal Co. | No. 2. | West Frankfort. | 16 | 147,563 | 11 | 106,307 | 13 | 128,394 | 8 | 70,243 | |
| 2 | Bell & Zoller Coal & Mining Co. | No. 2. | Zeigler. | 13 | 82,330 | 15 | 95,935 | 9 | 56,734 | 9 | 51,173 | |
| 3 | Bell & Zoller Coal & Mining Co. | No. 1. | Zeigler. | 16 | 94,723 | 11 | 64,724 | 17 | 102,674 | 11 | 56,734 | |
| 4 | Valier Coal Co. | No. 1. | Valier. | 11 | 72,833 | 10 | 69,012 | 13 | 88,175 | 10 | 62,238 | |
| 5 | Old Ben Coal Corp. | No. 8. | West Frankfort. | 13 | 62,953 | 11 | 56,553 | 13 | 63,970 | 8 | 32,040 | |
| 6 | Old Ben Coal Corp. | No. 15. | Ezra. | 15 | 64,064 | 16 | 68,028 | 16 | 68,417 | 9 | 26,305 | |
| 7 | Chicago, Wilmington & Franklin Coal Co. | No. 1. | Orient. | 10 | 46,905 | 14 | 67,842 | 13 | 63,548 | 6 | 25,975 | |
| 8 | Franklin County Coal Co., Inc. | No. 7. | Royalton. | 13 | 42,401 | 14 | 45,859 | 18 | 52,529 | 12 | 32,411 | |
| 9 | Franklin County Coal Co., Inc. | No. 5. | Herrin. | 18 | 59,199 | 17 | 55,061 | 18 | 60,183 | 5 | 15,891 | |
| 10 | Peabody Coal Co. | No. 19. | West Frankfort. | 13 | 37,225 | 14 | 39,206 | 15 | 43,617 | 9 | 23,405 | |
| 11 | West Frankfort Coal Co. | No. 21. | West Frankfort. | 16 | 13,507 | 15 | 16,272 | 16 | 18,167 | 6 | 7,229 | |
| 12 | Brewerton Coal Co. | No. 22. | Sesser. | 12 | 23,850 | 10 | 18,331 | 11 | 21,727 | 8 | 14,541 | |
| 13 | Franklin Mining Co. | | Benton. | 15 | 18,548 | 15 | 17,419 | 21 | 25,722 | 11 | 13,816 | |
| 14 | Old Ben Coal Corp. | No. 14. | Buckner. | | | | | | | | | |
| 15 | Peabody Coal Co. | No. 18. | West Frankfort. | 7 | 21,876 | 5 | 13,607 | 6 | 18,114 | | | |
| Total and average. | | | | 13 | 788,027 | 13 | 734,158 | 14 | 811,971 | 9 | 432,001 | |

Continued.

Number of days in operation and tons of coal mined.

| May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | | Total. | | Number. |
|-------|---------|-------|---------|-------|---------|---------|---------|------------|---------|----------|---------|-----------|---------|-----------|---------|--------|-----------|---------|
| Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | |
| 18 | 79,386 | 18 | 78,081 | 16 | 68,902 | 15 | 66,216 | 16 | 67,358 | 18 | 76,957 | 14 | 64,013 | 22 | 94,001 | 208 | 923,001 | 1 |
| 11 | 62,214 | 11 | 56,118 | 13 | 64,380 | 17 | 68,673 | 17 | 68,411 | 17 | 83,690 | 16 | 70,469 | 21 | 107,972 | 184 | 921,366 | 2 |
| 9 | 19,850 | 14 | 25,207 | 18 | 30,141 | 14 | 22,793 | 18 | 29,296 | 18 | 32,515 | 17 | 33,602 | 16 | 35,202 | 185 | 372,142 | 3 |
| 4 | 14,006 | 4 | 13,358 | 5 | 17,719 | 7 | 24,417 | 8 | 29,516 | 10 | 34,394 | 10 | 34,842 | 15 | 51,749 | 91 | 332,226 | 4 |
| 9 | 6,021 | 9 | 5,834 | 10 | 6,481 | 12 | 7,348 | 22 | 13,845 | 18 | 11,628 | 16 | 10,294 | 20 | 14,977 | 193 | 127,970 | 5 |
| 8 | 4,659 | 10 | 6,613 | 9 | 4,376 | 13 | 8,038 | 12 | 7,542 | 12 | 7,899 | 13 | 7,962 | 19 | 12,089 | 163 | 103,671 | 6 |
| 5 | 4,344 | 4 | 3,161 | 5 | 4,359 | 4 | 4,228 | 6 | 5,572 | 7 | 6,594 | 8 | 7,641 | 11 | 10,952 | 88 | 83,774 | 7 |
| 6 | 1,351 | 5 | 6,000 | 3 | 4,500 | 2 | 3,600 | 3 | 4,000 | 3 | 4,800 | 4 | 5,700 | 12 | 17,000 | 32 | 45,600 | 8 |
| | | | | | | | | 11 | 1,679 | 15 | 3,662 | 14 | 5,321 | 15 | 6,862 | 87 | 19,676 | 9 |
| | | | | | | | | | | | | 2 | 590 | 7 | 3,337 | 34 | 17,041 | 10 |
| 15 | 1,110 | 10 | 1,043 | 10 | 840 | 16 | 1,328 | 17 | 1,250 | 23 | 1,718 | 2 | 1,731 | 21 | 1,827 | 201 | 16,119 | 11 |
| 16 | 1,200 | 3 | 300 | 12 | 800 | 7 | 600 | 17 | 1,600 | 14 | 1,400 | 20 | 1,400 | 20 | 1,400 | 189 | 12,800 | 12 |
| | | 2 | 251 | 4 | 501 | 8 | 800 | 7 | 789 | 8 | 889 | 8 | 879 | 10 | 1,184 | 91 | 10,170 | 13 |
| 1 | 21 | 7 | 230 | 5 | 183 | 9 | 312 | 12 | 482 | 13 | 493 | 14 | 541 | 20 | 815 | 133 | 4,930 | 14 |
| 7 | 180 | 3 | 70 | 8 | 190 | 6 | 160 | 25 | 640 | 11 | 280 | 14 | 350 | 19 | 485 | 160 | 3,980 | 15 |
| 1 | 12 | 1 | 36 | 1 | 58 | 1 | 90 | 6 | 312 | 14 | 348 | 14 | 417 | 11 | 589 | 91 | 3,173 | 16 |
| | | | | | | | | | | 13 | 342 | 16 | 626 | 19 | 972 | 48 | 1,940 | 17 |
| | | 5 | 111 | 17 | 398 | 10 | 218 | 22 | 450 | 14 | 300 | 17 | 300 | 24 | 150 | 109 | 1,927 | 18 |
| | | | | | | | | | | 10 | 490 | 5 | 252 | | | 15 | 742 | 19 |
| 7 | 194,354 | 7 | 196,413 | 9 | 203,828 | 9 | 208,821 | 13 | 232,742 | 13 | 268,399 | 13 | 246,930 | 17 | 361,563 | 118 | 3,019,772 | 20 |
| 9 | 22,417 | 8 | 20,983 | 6 | 15,163 | 5 | 12,477 | 7 | 17,810 | 9 | 21,831 | 7 | 18,719 | 9 | 24,025 | 95 | 251,433 | 1 |
| 6 | 6,358 | 4 | 4,086 | 5 | 5,191 | 5 | 5,372 | 8 | 8,664 | 9 | 9,726 | 12 | 12,972 | 15 | 16,044 | 116 | 127,470 | 2 |
| 3 | 1,796 | 2 | 956 | 1 | 700 | 3 | 1,859 | 3 | 1,495 | 5 | 2,388 | 7 | 3,606 | 12 | 6,902 | 67 | 35,230 | 3 |
| 14 | 1,572 | 18 | 824 | 18 | 865 | 10 | 520 | 18 | 1,905 | 20 | 2,260 | 11 | 814 | 16 | 1,754 | 195 | 21,063 | 4 |
| 8 | 32,143 | 8 | 26,849 | 8 | 21,919 | 6 | 20,228 | 9 | 29,874 | 11 | 36,205 | 9 | 36,111 | 13 | 48,725 | 118 | 435,196 | |
| 8 | 11,811 | 7 | 11,430 | 10 | 16,645 | 18 | 22,052 | 14 | 16,427 | 16 | 26,519 | 15 | 22,746 | 21 | 34,373 | 146 | 230,876 | 1 |
| 12 | 4,752 | 13 | 4,937 | 10 | 3,844 | 16 | 6,384 | 18 | 7,129 | 15 | 5,824 | 16 | 6,396 | 20 | 7,777 | 194 | 79,068 | 2 |
| | | | | | | | | 8 | 320 | 17 | 1,795 | 15 | 1,735 | 18 | 2,115 | 58 | 5,965 | 3 |
| 10 | 16,563 | 10 | 16,367 | 10 | 20,489 | 17 | 28,436 | 13 | 23,876 | 16 | 34,138 | 15 | 30,877 | 20 | 44,265 | 133 | 315,909 | |
| 5 | 43,304 | 7 | 60,896 | 7 | 62,056 | 9 | 80,838 | 13 | 115,716 | 15 | 128,259 | 12 | 107,786 | 17 | 155,257 | 133 | 1,206,619 | 1 |
| 16 | 90,008 | | | 17 | 85,844 | 13 | 70,960 | 15 | 80,812 | 16 | 87,641 | 14 | 75,936 | 21 | 112,897 | 158 | 890,270 | 2 |
| | | 17 | 89,878 | 1 | 4,813 | 14 | 73,000 | 21 | 108,432 | 16 | 85,516 | 17 | 88,644 | 22 | 118,059 | 163 | 887,197 | 3 |
| 11 | 69,659 | 11 | 70,973 | 10 | 65,419 | 9 | 59,396 | 12 | 79,848 | 16 | 107,848 | 9 | 59,635 | 11 | 73,077 | 133 | 878,163 | 4 |
| 6 | 23,839 | 12 | 50,937 | 14 | 51,939 | 17 | 72,533 | 17 | 71,268 | 16 | 66,556 | 13 | 56,135 | 19 | 79,830 | 159 | 688,555 | 5 |
| 7 | 26,544 | 11 | 41,568 | 16 | 52,918 | 19 | 72,024 | 18 | 68,801 | 16 | 61,130 | 15 | 57,774 | 18 | 73,138 | 176 | 680,711 | 6 |
| 9 | 36,833 | 7 | 30,424 | 10 | 44,873 | 7 | 32,232 | 11 | 49,081 | 11 | 50,556 | 12 | 55,264 | 16 | 75,702 | 126 | 579,235 | 7 |
| 12 | 31,936 | 14 | 37,639 | 15 | 38,132 | 15 | 42,705 | 16 | 47,287 | 16 | 47,184 | 15 | 42,992 | 20 | 58,371 | 180 | 519,446 | 8 |
| | | | | | 8 | | 18,062 | 16 | 45,153 | 12 | 34,848 | 14 | 42,402 | 21 | 61,020 | 129 | 391,819 | 9 |
| 5 | 13,611 | 7 | 18,846 | 7 | 18,453 | 10 | 26,625 | 14 | 34,566 | 14 | 36,588 | 12 | 32,204 | 19 | 50,052 | 139 | 374,398 | 10 |
| 6 | 7,127 | 12 | 13,272 | 9 | 9,871 | 12 | 15,850 | 19 | 21,947 | 18 | 22,590 | 19 | 22,905 | 20 | 28,730 | 168 | 197,467 | 11 |
| 6 | 9,657 | 13 | 23,958 | 11 | 20,657 | 9 | 17,274 | 9 | 19,201 | 10 | 19,163 | 4 | 7,625 | | | 103 | 195,984 | 12 |
| 13 | 15,971 | 14 | 16,549 | 9 | 10,877 | 10 | 12,376 | 8 | 9,259 | 11 | 13,358 | | | | | 127 | 153,925 | 13 |
| 1 | 628 | 1 | 1,555 | 10 | 3,133 | 9 | 2,381 | 1 | 574 | | 7,809 | 10 | 30,397 | 11 | 36,299 | 23 | 74,505 | 14 |
| | | | | | | | | | | | | | | | | 40 | 61,868 | 15 |
| 7 | 369,117 | 10 | 456,495 | 10 | 468,985 | 12 | 596,256 | 14 | 751,975 | 14 | 769,046 | 13 | 679,699 | 18 | 922,432 | 130 | 7,780,162 | |

TABLE 12—

| Number. | Name of operator. | Name, number or letter of shaft. | Post office address of mine. | Number of days in operation and tons of coal mined. | | | | | | | | |
|--|---|---|------------------------------------|--|---------|-----------|---------|--------|---------|--------|---------|--|
| | | | | January. | | February. | | March. | | April. | | |
| | | | | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | |
| SALINE COUNTY—ELEVENTH DISTRICT. | | | | | | | | | | | | |
| 1 | Peabody Coal Co..... | No. 47..... | Harco..... | 15 | 19,246 | 17 | 53,273 | 15 | 62,643 | 5 | 19,128 | |
| 2 | Wasson Coal Co..... | No. 1..... | Harrisburg..... | 21 | 63,690 | 17 | 50,225 | 19 | 58,856 | 3 | 7,503 | |
| 3 | Sahara Coal Co..... | No. 1..... | Harrisburg..... | 19 | 60,664 | 15 | 46,319 | 16 | 49,328 | | | |
| 4 | Sahara Coal Co..... | No. 10..... | Eldorado..... | 21 | 44,773 | 14 | 30,827 | 15 | 33,339 | 3 | 5,465 | |
| 5 | Rex Coal Co..... | No. 2..... | Eldorado..... | 19 | 40,082 | 17 | 35,937 | 21 | 43,461 | 11 | 20,758 | |
| 6 | Sahara Coal Co..... | No. 12..... | Harrisburg..... | 7 | 6,936 | 19 | 30,232 | 19 | 35,076 | 4 | 6,580 | |
| 7 | Sahara Coal Co..... | No. 3..... | Harrisburg..... | 21 | 53,613 | 15 | 40,010 | 16 | 43,828 | 3 | 6,678 | |
| 8 | Blue Bird Coal Co..... | | Carrier Mills..... | 17 | 26,555 | 16 | 23,050 | 20 | 31,738 | 17 | 21,835 | |
| Total and average..... | | | | 18 | 315,559 | 16 | 309,873 | 18 | 358,269 | 7 | 87,497 | |
| WHITE COUNTY—ELEVENTH DISTRICT. | | | | | | | | | | | | |
| 1 | Norris City Coal Mining Co..... | No. 1..... | Norris City..... | 19 | 5,737 | 11 | 3,458 | 9 | 2,642 | 3 | 826 | |
| WILLIAMSON COUNTY—TWELFTH DISTRICT. | | | | | | | | | | | | |
| 1 | Old Ben Coal Corp..... | No. 18..... | Johnston City..... | 11 | 58,427 | 10 | 52,353 | 13 | 68,290 | 7 | 33,283 | |
| 2 | Consolidated Coal Co. of St. Louis..... | No. 7..... | Herrin..... | 11 | 40,294 | 12 | 44,640 | 12 | 44,064 | 10 | 32,407 | |
| 3 | Seymour Coal Co..... | | Herrin..... | 26 | 19,694 | 22 | 20,928 | 23 | 23,973 | 24 | 22,115 | |
| 4 | Franco Mining Corp..... | No. 1..... | Johnston City..... | 15 | 26,525 | 10 | 17,581 | 13 | 18,596 | 10 | 14,188 | |
| 5 | Freeman Coal Mining Co..... | | Herrin..... | 20 | 8,399 | 22 | 15,228 | 19 | 20,108 | | | |
| 6 | Cartersville Peacock Coal Co..... | | Harrisburg..... | 22 | 13,023 | 20 | 13,216 | 20 | 13,175 | 18 | 10,862 | |
| 7 | Wallace Coal Co..... | | Marion..... | 19 | 7,982 | 18 | 7,188 | 21 | 9,729 | 20 | 8,006 | |
| 8 | Blue Hill Coal Co..... | | Marion..... | 19 | 9,003 | 18 | 8,894 | 19 | 9,686 | 15 | 7,487 | |
| 9 | Carbon Fuel Co..... | | Marion..... | 22 | 4,081 | 18 | 3,069 | 19 | 3,431 | 9 | 1,661 | |
| 10 | City Lake Coal Co..... | | Herrin..... | 10 | 967 | 8 | 851 | 9 | 1,043 | 11 | 1,172 | |
| 11 | Forsyth Cartersville Coal Co..... | | Cartersville..... | | | | | | | | | |
| 12 | Consumers Coal & Materials Co..... | | Marion..... | 20 | 930 | 21 | 1,289 | 20 | 1,126 | 12 | 267 | |
| 13 | Spillertown Mining Co..... | | Johnston City..... | 14 | 706 | 20 | 1,023 | 20 | 1,040 | 2 | 112 | |
| 14 | New Watson Coal Co..... | No. 1..... | Herrin..... | 10 | 450 | 10 | 450 | 10 | 425 | 10 | 400 | |
| 15 | Puritan Coal Co..... | No. 1..... | Johnston City..... | 15 | 750 | 12 | 600 | 9 | 450 | | | |
| 16 | Cartersville Mining & Engineering Co..... | No. 1..... | Cambria..... | | | | | 9 | 489 | | | |
| 17 | Rodney Coal Co..... | | Herrin..... | | | | | | | | | |
| 18 | M. H. Radford..... | | Marion..... | 17 | 295 | 16 | 218 | 18 | 270 | 17 | 124 | |
| Total and average..... | | | | 16 | 191,526 | 16 | 187,528 | 12 | 215,895 | 13 | 132,084 | |

Concluded.

Number of days in operation and tons of coal mined.

| May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | | Total. | | Number. |
|-------|---------|-------|---------|-------|---------|---------|---------|------------|---------|----------|---------|-----------|---------|-----------|---------|--------|-----------|---------|
| Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | |
| 4 | 16,109 | 5 | 18,984 | 6 | 23,903 | 10 | 36,840 | 11 | 44,761 | 9 | 36,758 | 9 | 36,651 | 19 | 79,110 | 125 | 447,406 | 1 |
| 7 | 18,453 | 4 | 10,063 | 9 | 23,314 | 10 | 26,345 | 11 | 29,728 | 12 | 33,529 | 11 | 30,453 | 18 | 48,751 | 142 | 400,910 | 2 |
| 8 | --- | --- | --- | --- | --- | 10 | 24,727 | 16 | 43,615 | 16 | 43,745 | 15 | 39,129 | 17 | 44,540 | 124 | 352,067 | 3 |
| 11 | 21,835 | 10 | 19,137 | 13 | 24,421 | 19 | 37,386 | 11 | 21,629 | 16 | 31,614 | 15 | 28,344 | 19 | 37,187 | 167 | 335,957 | 4 |
| 18 | 15,505 | 7 | 14,137 | 8 | 16,174 | 11 | 21,939 | 11 | 21,563 | 13 | 26,323 | 15 | 29,709 | 19 | 37,553 | 160 | 323,141 | 5 |
| 15 | 29,154 | 12 | 23,035 | 14 | 27,349 | 17 | 34,172 | 11 | 21,907 | 15 | 30,214 | 12 | 24,712 | 18 | 36,268 | 163 | 305,635 | 6 |
| 12 | 28,785 | 2 | 5,069 | --- | --- | --- | --- | --- | --- | 12 | 24,432 | 11 | 26,479 | 18 | 43,511 | 110 | 272,405 | 7 |
| 14 | 19,480 | 13 | 17,600 | 18 | 19,450 | 14 | 20,570 | 14 | 20,804 | 12 | 17,075 | 15 | 19,243 | 15 | 26,116 | 185 | 263,166 | 8 |
| 10 | 149,321 | 8 | 108,025 | 11 | 134,611 | 13 | 202,079 | 12 | 204,007 | 13 | 243,690 | 13 | 234,720 | 18 | 353,036 | 147 | 2,700,687 | |
| --- | --- | --- | --- | --- | --- | 9 | 1,883 | 15 | 3,801 | 18 | 3,806 | 14 | 3,780 | 18 | 5,073 | 116 | 31,006 | 1 |
| --- | --- | --- | --- | --- | --- | --- | --- | 15 | 65,830 | 10 | 45,552 | 12 | 53,071 | 15 | 69,172 | 93 | 445,978 | 1 |
| 9 | 28,945 | 9 | 28,770 | 8 | 25,643 | 10 | 30,697 | 9 | 29,613 | 14 | 42,752 | 14 | 42,020 | 17 | 50,792 | 135 | 440,637 | 2 |
| 24 | 20,545 | 18 | 17,235 | 12 | 14,540 | 20 | 28,729 | 20 | 28,442 | 19 | 29,632 | 21 | 33,015 | 18 | 27,515 | 247 | 286,363 | 3 |
| 7 | 8,699 | 12 | 14,059 | 14 | 18,008 | 12 | 20,207 | 14 | 18,160 | 16 | 24,072 | 15 | 25,703 | 21 | 35,589 | 159 | 241,387 | 4 |
| --- | --- | --- | --- | --- | --- | --- | --- | 8 | 7,203 | 8 | 10,057 | 11 | 15,161 | 19 | 26,108 | 107 | 102,266 | 5 |
| 20 | 10,304 | 20 | 11,643 | 7 | 3,418 | 16 | 6,040 | 7 | 2,996 | 12 | 6,699 | 11 | 3,199 | --- | --- | 173 | 94,575 | 6 |
| 21 | 8,212 | 21 | 8,173 | 21 | 8,442 | 17 | 6,442 | 11 | 4,875 | 17 | 6,822 | 19 | 7,842 | 24 | 10,392 | 229 | 94,105 | 7 |
| 11 | 5,605 | 14 | 5,588 | 12 | 5,821 | 13 | 6,211 | 16 | 8,400 | 18 | 9,295 | 14 | 8,020 | 18 | 8,960 | 187 | 92,970 | 8 |
| 10 | 1,849 | 18 | 3,481 | 15 | 2,684 | 14 | 2,677 | 19 | 2,994 | 16 | 2,630 | 13 | 2,006 | 20 | 3,593 | 193 | 34,156 | 9 |
| 8 | 880 | 9 | 986 | 13 | 1,422 | 10 | 986 | 13 | 1,457 | 11 | 1,632 | 12 | 1,462 | 20 | 1,821 | 134 | 14,679 | 10 |
| --- | --- | --- | --- | --- | --- | --- | --- | 5 | 1,226 | 16 | 6,580 | 5 | 2,632 | 8 | 3,292 | 34 | 13,730 | 11 |
| 12 | 121 | 11 | 119 | 18 | 418 | 16 | 411 | 21 | 1,511 | 20 | 1,178 | 20 | 969 | 20 | 1,339 | 211 | 9,678 | 12 |
| 2 | 48 | 4 | 206 | 4 | 142 | 9 | 659 | 14 | 1,039 | 21 | 1,409 | 23 | 1,533 | 20 | 1,335 | 153 | 9,252 | 13 |
| 4 | 500 | 3 | 550 | 25 | 550 | 25 | 350 | 20 | 550 | 20 | 830 | 20 | 500 | 20 | 900 | 177 | 6,455 | 14 |
| 4 | 200 | 9 | 450 | 7 | 350 | 4 | 200 | 9 | 600 | 6 | 124 | 5 | 50 | 6 | 72 | 86 | 3,846 | 15 |
| --- | --- | 21 | 570 | --- | --- | --- | --- | 21 | 698 | 7 | 1,756 | --- | --- | --- | --- | 58 | 3,513 | 16 |
| --- | --- | --- | --- | --- | --- | --- | --- | 13 | 914 | 18 | 1,260 | 18 | 1,256 | --- | --- | 49 | 3,430 | 17 |
| 16 | 140 | 18 | 295 | 17 | 260 | 16 | 240 | 18 | 290 | --- | --- | --- | --- | --- | --- | 153 | 2,132 | 18 |
| 11 | 86,048 | 13 | 92,125 | 13 | 81,698 | 14 | 103,849 | 14 | 176,800 | 15 | 192,280 | 15 | 198,439 | 18 | 240,880 | 143 | 1,899,152 | |

TABLE 13—OUTPUT OF SHIPPING MINES AND DAYS

| District. | Number of days in operation and tons of coal mined. | | | | | | | | | | | |
|---------------------|---|-----------|-----------|-----------|--------|-----------|--------|-----------|-------|-----------|-------|-----------|
| | January. | | February. | | March. | | April. | | May. | | June. | |
| | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. |
| First..... | 23 | 195,135 | 21 | 181,719 | 21 | 189,510 | 16 | 139,499 | 14 | 114,173 | 19 | 109,464 |
| Second..... | 22 | 171,155 | 20 | 160,000 | 21 | 172,910 | 11 | 107,157 | 11 | 93,886 | 15 | 80,176 |
| Third..... | 19 | 180,186 | 19 | 160,374 | 19 | 188,263 | 14 | 121,353 | 12 | 107,036 | 12 | 107,699 |
| Fourth..... | 19 | 668,795 | 16 | 591,274 | 17 | 608,458 | 12 | 382,031 | 11 | 343,015 | 13 | 338,039 |
| Fifth..... | 17 | 185,840 | 17 | 199,163 | 18 | 218,440 | 14 | 148,182 | 9 | 116,684 | 12 | 119,842 |
| Sixth..... | 21 | 412,848 | 20 | 395,788 | 21 | 441,551 | 13 | 257,921 | 12 | 228,606 | 12 | 213,904 |
| Seventh..... | 16 | 168,091 | 17 | 187,532 | 14 | 190,633 | 10 | 97,481 | 9 | 79,665 | 9 | 60,292 |
| Eighth..... | 20 | 307,474 | 20 | 309,114 | 20 | 315,459 | 6 | 91,126 | 6 | 75,254 | 9 | 73,723 |
| Ninth..... | 15 | 515,946 | 15 | 497,277 | 15 | 520,876 | 9 | 345,777 | 9 | 349,925 | 9 | 365,934 |
| Tenth..... | 13 | 788,027 | 13 | 734,158 | 14 | 811,971 | 9 | 432,001 | 7 | 369,117 | 10 | 456,495 |
| Eleventh..... | 18 | 321,296 | 16 | 313,331 | 17 | 360,911 | 6 | 88,323 | 10 | 149,321 | 8 | 108,025 |
| Twelfth..... | 16 | 191,526 | 16 | 187,528 | 12 | 215,895 | 13 | 132,084 | 11 | 86,048 | 13 | 92,125 |
| Total and average.. | 18 | 4,106,319 | 17 | 3,917,258 | 17 | 4,234,877 | 10 | 2,342,935 | 10 | 2,112,730 | 11 | 2,125,718 |

TABLE 14—SUMMARY BY DISTRICTS—MINES

| District. | Total number of mines. | Number of mines working and average days worked each month of the year. | | | | | | | | | | | |
|-----------------------|------------------------|---|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|
| | | January. | | February. | | March. | | April. | | May. | | June. | |
| | | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. |
| First..... | 7 | 6 | 23 | 6 | 21 | 6 | 21 | 5 | 16 | 4 | 14 | 3 | 19 |
| Second..... | 8 | 8 | 22 | 8 | 20 | 8 | 21 | 8 | 11 | 6 | 11 | 3 | 15 |
| Third..... | 15 | 13 | 19 | 13 | 19 | 13 | 19 | 14 | 14 | 14 | 12 | 13 | 12 |
| Fourth..... | 16 | 16 | 19 | 16 | 16 | 16 | 17 | 14 | 12 | 13 | 11 | 10 | 13 |
| Fifth..... | 7 | 6 | 17 | 6 | 17 | 6 | 18 | 5 | 14 | 6 | 9 | 5 | 12 |
| Sixth..... | 11 | 9 | 21 | 9 | 20 | 9 | 21 | 8 | 13 | 8 | 12 | 8 | 12 |
| Seventh..... | 10 | 7 | 16 | 7 | 17 | 8 | 14 | 6 | 10 | 6 | 9 | 5 | 9 |
| Eighth..... | 25 | 24 | 20 | 24 | 20 | 23 | 20 | 21 | 6 | 14 | 6 | 11 | 9 |
| Ninth..... | 31 | 25 | 15 | 25 | 15 | 25 | 15 | 24 | 9 | 22 | 9 | 25 | 9 |
| Tenth..... | 15 | 14 | 13 | 14 | 13 | 14 | 14 | 13 | 9 | 12 | 7 | 12 | 10 |
| Eleventh..... | 9 | 9 | 18 | 9 | 16 | 9 | 17 | 8 | 6 | 7 | 10 | 7 | 8 |
| Twelfth..... | 18 | 15 | 16 | 15 | 16 | 16 | 12 | 13 | 13 | 13 | 11 | 14 | 13 |
| Total and average.... | 172 | 152 | a18 | 152 | a17 | 153 | a17 | 139 | a10 | 125 | a10 | 116 | a11 |

a Average!

WORKED EACH MONTH IN 1934—BY DISTRICTS.

Number of days in operation and tons of coal mined.

| July. | | August. | | September. | | October. | | November. | | December. | | Total. | |
|-------|-----------|---------|-----------|------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|--------|------------|
| Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. | Days. | Tons. |
| 21 | 119,396 | 20 | 113,080 | 20 | 124,350 | 20 | 157,497 | 21 | 157,276 | 23 | 176,039 | 180 | 1,777,138 |
| 17 | 81,939 | 15 | 107,120 | 17 | 122,582 | 19 | 155,760 | 19 | 139,702 | 22 | 176,552 | 181 | 1,568,939 |
| 13 | 119,622 | 15 | 131,373 | 16 | 139,873 | 17 | 180,819 | 18 | 187,516 | 20 | 214,045 | 175 | 1,838,159 |
| 15 | 371,093 | 14 | 456,057 | 15 | 519,804 | 15 | 580,741 | 14 | 529,812 | 19 | 667,510 | 160 | 6,056,629 |
| 11 | 98,319 | 13 | 116,197 | 14 | 117,491 | 16 | 146,010 | 19 | 175,128 | 23 | 198,709 | 151 | 1,840,005 |
| 14 | 273,214 | 15 | 290,607 | 17 | 308,643 | 17 | 354,778 | 17 | 351,139 | 18 | 392,805 | 162 | 3,921,804 |
| 9 | 55,247 | 11 | 107,549 | 14 | 149,844 | 14 | 167,137 | 15 | 179,436 | 20 | 220,980 | 126 | 1,663,887 |
| 10 | 106,859 | 12 | 128,545 | 14 | 187,534 | 16 | 205,453 | 16 | 227,113 | 20 | 300,369 | 147 | 2,328,014 |
| 9 | 363,193 | 10 | 400,814 | 13 | 412,306 | 13 | 465,914 | 13 | 437,938 | 16 | 574,045 | 124 | 5,249,945 |
| 10 | 468,985 | 12 | 596,256 | 14 | 751,975 | 14 | 769,046 | 13 | 679,699 | 18 | 922,432 | 130 | 7,780,162 |
| 11 | 134,611 | 13 | 203,962 | 13 | 207,808 | 14 | 247,496 | 13 | 238,500 | 18 | 358,109 | 144 | 2,731,693 |
| 13 | 81,698 | 14 | 103,849 | 14 | 176,800 | 15 | 192,280 | 15 | 198,439 | 18 | 240,880 | 143 | 1,899,152 |
| 12 | 2,274,176 | 13 | 2,755,409 | 15 | 3,219,010 | 15 | 3,622,931 | 16 | 3,501,698 | 19 | 4,442,466 | 147 | 38,655,527 |

IN OPERATION AND AVERAGED DAYS WORKED.

Number of mines working and average days worked each month of the year.

| July. | | August. | | September. | | October. | | November. | | December. | | The State. | |
|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|-------------------------|----------------------|
| Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. | Number of mines worked. | Average days worked. |
| 3 | 21 | 3 | 20 | 4 | 20 | 7 | 20 | 7 | 21 | 7 | 23 | 7 | 180 |
| 2 | 17 | 7 | 15 | 8 | 17 | 9 | 19 | 8 | 19 | 8 | 22 | 8 | 181 |
| 13 | 13 | 12 | 15 | 13 | 16 | 15 | 17 | 14 | 18 | 14 | 20 | 15 | 175 |
| 10 | 15 | 12 | 14 | 14 | 15 | 15 | 15 | 15 | 14 | 15 | 19 | 16 | 160 |
| 5 | 11 | 6 | 13 | 6 | 14 | 6 | 16 | 6 | 19 | 6 | 23 | 7 | 151 |
| 5 | 14 | 8 | 15 | 8 | 17 | 10 | 17 | 10 | 17 | 11 | 18 | 11 | 162 |
| 5 | 9 | 8 | 11 | 10 | 14 | 10 | 14 | 10 | 15 | 10 | 20 | 10 | 126 |
| 16 | 10 | 19 | 12 | 24 | 14 | 23 | 16 | 23 | 16 | 23 | 20 | 25 | 147 |
| 25 | 9 | 25 | 10 | 27 | 13 | 29 | 13 | 30 | 13 | 29 | 16 | 31 | 124 |
| 13 | 10 | 14 | 12 | 14 | 14 | 14 | 14 | 13 | 13 | 12 | 18 | 15 | 130 |
| 6 | 11 | 8 | 13 | 8 | 13 | 9 | 14 | 9 | 13 | 9 | 18 | 9 | 144 |
| 13 | 13 | 13 | 14 | 18 | 14 | 17 | 15 | 16 | 15 | 14 | 18 | 18 | 143 |
| 119 | a12 | 135 | a13 | 154 | a15 | 163 | a15 | 161 | a16 | 158 | a19 | 172 | a147 |

TABLE 15—CLASSIFICATION

| Number. | Name of operator. | Post office of mine. | Underground. | | | | | | | | | | | |
|----------------------------------|--------------------------------------|----------------------|--------------|---------|----------|---------------------------|---------------------------------------|-----------------|-------------------------------|-----------------|--------------|--------------------------|------------------|------------------|
| | | | Bratticemen. | Cagers. | Drivers. | Electricians and helpers. | Mechanical loading machine operators. | Mine examiners. | Mine managers and assistants. | Machine miners. | Pick miners. | Motormen and assistants. | Machine helpers. | Machine runners. |
| HENRY COUNTY—FIRST DISTRICT. | | | | | | | | | | | | | | |
| 1 | Midland Electric Coal Corp., No. 1 | Atkinson | | | | | | | | | | | | |
| 2 | Shuler Coal Mining Co. | Alpha | | 1 | 12 | | | 1 | 1 | | 102 | | | |
| | Total | | | 1 | 12 | | | 1 | 1 | | 102 | | | |
| LASALLE COUNTY—FIRST DISTRICT. | | | | | | | | | | | | | | |
| 1 | Union Coal Co. | Peru | | 2 | 14 | | | 1 | 3 | 180 | | 1 | 8 | 4 |
| 2 | Illinois Zinc Co., No. 3 | Peru | | 3 | 8 | | | 1 | 2 | | 120 | 1 | | |
| 3 | Buffalo Rock Coal Co. | Ottawa | | | | | | | | | | | | |
| | Total | | | 5 | 22 | | | 2 | 5 | 180 | 120 | 2 | 8 | 4 |
| PUTNAM COUNTY—FIRST DISTRICT. | | | | | | | | | | | | | | |
| 1 | Prairie State Coal Co. | Granville | 1 | 2 | 15 | 1 | | 1 | 2 | | 365 | 4 | | |
| WILL COUNTY—FIRST DISTRICT. | | | | | | | | | | | | | | |
| 1 | Northern Illinois Coal Corp., No. 10 | Wilmington | | | | | | | | | | | | |
| PEORIA COUNTY—SECOND DISTRICT. | | | | | | | | | | | | | | |
| 1 | Crescent Mining Co., No. 6 | Peoria | 2 | | 27 | 11 | | 2 | 7 | 361 | | 8 | 28 | 28 |
| 2 | Crescent Mining Co., No. 1 | Peoria | 1 | | 17 | 4 | | 1 | 4 | 251 | | 7 | 18 | 18 |
| 3 | Dorthel Coal Co., No. 1 | Hanna City | | 1 | 8 | 2 | | 1 | 2 | 119 | | 3 | 7 | 7 |
| 4 | Glenwood Mining Co., No. 3 | Edwards | | | 5 | 1 | | 1 | 1 | 20 | 70 | 2 | 1 | 1 |
| | Total | | 3 | 1 | 57 | 18 | | 5 | 14 | 751 | 70 | 20 | 54 | 54 |
| TAZEWELL COUNTY—SECOND DISTRICT. | | | | | | | | | | | | | | |
| 1 | Lake Erie Mining Co. | Peoria | | | 8 | 2 | | 1 | 3 | 127 | | 5 | 9 | 9 |
| 2 | Ubben Coal Co. | Pekin | | 2 | 3 | | | 1 | 1 | 32 | | 1 | 4 | 4 |
| | Total | | | 2 | 11 | 2 | | 2 | 4 | 159 | | 6 | 13 | 13 |
| WOODFORD COUNTY—SECOND DISTRICT. | | | | | | | | | | | | | | |
| 1 | W. G. Sutton Coal Co. | Minonk | | 3 | 12 | 1 | | 2 | 2 | | 185 | 2 | | |
| 2 | Roanoke Coal & Tile Co. | Roanoke | | 1 | 6 | | | 1 | 2 | | 90 | 2 | | |
| | Total | | | 4 | 18 | 1 | | 3 | 4 | | 275 | 4 | | |
| FULTON COUNTY—THIRD DISTRICT. | | | | | | | | | | | | | | |
| 1 | Midland Electric Coal Corp., No. 2 | Farmington | | | | | | | | | | | | |
| 2 | Truax-Traer Coal Co. | St. David | | | | | | | | | | | | |
| 3 | United Electric Coal Co., No. 9 | Cuba | | | | | | | | | | | | |
| 4 | Dorthel Coal Co., No. 3 | Farmington | | 2 | 12 | 1 | | 1 | | 94 | 28 | 2 | 5 | 5 |
| 5 | Blakley Coal Co. | Canton | | 1 | 3 | | | 1 | 2 | 30 | | 1 | 2 | 2 |
| 6 | Pschirrer and Sons | Canton | | 1 | 6 | 1 | 2 | | 1 | 19 | | 1 | 3 | 3 |
| 7 | Illinois Colliery Co. | Farmington | | 2 | 4 | | | 1 | 1 | 28 | 32 | 1 | 2 | 2 |
| 8 | Canton Coal Co. | Canton | 1 | 4 | 14 | 2 | | 1 | 1 | 190 | | 9 | 14 | 14 |

OF MINE EMPLOYEES.

| Underground. | | | | | | | | On surface. | | | | | | | | | | | | | | | Total—all employees. | Number. | | |
|----------------------|--------------|-----------------------|------------|------------|------------|-----------|-------------------------|--------------------|--------------|-------------|-----------|--------|------------|----------|--------------|-------------------------|------------------------|------------------|----------------|-----------|------------|---------------------------|----------------------|---------|--------------------|-------------------|
| Pumpmen and pipemen. | Shot firers. | Shot firers' runners. | Spraggers. | Stablemen. | Timbermen. | Trackmen. | All others underground. | Total underground. | Blacksmiths. | Carpenters. | Hoisting. | Other. | Engineers. | Firemen. | Top foremen. | Machinists and helpers. | Picking table workers. | Superintendents. | Stablemen—top. | Watchmen. | Weightmen. | Office employees at mine. | | | Others on surface. | Total on surface. |
| --- | 2 | --- | --- | --- | 2 | 2 | 3 | 126 | 5 | 1 | 1 | 9 | --- | 4 | 1 | 15 | 2 | 2 | --- | 1 | 6 | 77 | 120 | 120 | 1 | |
| --- | 2 | --- | --- | --- | 2 | 2 | 3 | 126 | 6 | --- | 1 | 9 | --- | 5 | 1 | 17 | 2 | 2 | 2 | 2 | 7 | 80 | 132 | 258 | --- | |
| --- | --- | --- | 3 | 1 | 2 | 2 | 13 | 234 | 2 | 1 | 3 | --- | --- | 1 | --- | --- | --- | --- | 2 | 1 | 3 | 11 | 24 | 258 | 1 | |
| --- | --- | --- | --- | --- | 8 | 1 | 2 | 146 | 2 | --- | 3 | --- | --- | --- | --- | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 17 | 163 | 2 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- | --- | 2 | 1 | --- | 1 | 1 | 1 | 16 | 24 | 24 | 3 | |
| --- | --- | --- | 3 | 1 | 10 | 3 | 15 | 380 | 5 | 2 | 6 | --- | --- | 1 | --- | 4 | 1 | --- | 5 | 3 | 6 | 32 | 65 | 445 | --- | |
| --- | --- | --- | 4 | 1 | 16 | 2 | --- | 414 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | --- | --- | 1 | 1 | 1 | 2 | 8 | 22 | 436 | 1 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 5 | 1 | --- | 25 | --- | 1 | 2 | 18 | 1 | --- | 2 | 2 | 5 | 209 | 271 | 271 | 1 | |
| 6 | --- | --- | 2 | --- | 10 | 17 | 20 | 529 | 5 | --- | --- | --- | --- | 5 | 4 | 1 | 1 | 3 | 2 | 2 | 8 | 7 | 38 | 567 | 1 | |
| 3 | --- | --- | --- | --- | 7 | 13 | 5 | 349 | 1 | 2 | --- | --- | --- | --- | 2 | 1 | 1 | 2 | 3 | 1 | --- | 15 | 29 | 378 | 2 | |
| 4 | --- | --- | 1 | --- | 2 | 4 | 3 | 164 | 2 | 3 | --- | --- | --- | --- | --- | --- | --- | 1 | 1 | 1 | 2 | 6 | 15 | 179 | 3 | |
| 2 | --- | --- | --- | --- | 1 | 3 | --- | 108 | 1 | 1 | 1 | 1 | --- | 1 | --- | 1 | 1 | --- | --- | --- | 1 | 3 | 11 | 119 | 4 | |
| 9 | 6 | 2 | 1 | 20 | 37 | 28 | --- | 1,150 | 9 | 6 | 1 | 1 | --- | 7 | 6 | 3 | 3 | 5 | 6 | 4 | 11 | 31 | 93 | 1,243 | --- | |
| 1 | 3 | --- | --- | --- | 6 | 9 | 10 | 193 | 2 | 1 | --- | --- | --- | 1 | 2 | --- | --- | 1 | 1 | 1 | 4 | 5 | 19 | 212 | 1 | |
| --- | --- | --- | --- | --- | 1 | 1 | 2 | 52 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | 1 | 1 | 6 | 58 | 2 | |
| 1 | 3 | --- | --- | --- | 7 | 10 | 12 | 245 | 3 | 1 | 1 | --- | --- | 1 | 2 | --- | --- | 2 | 1 | 1 | 2 | 5 | 6 | 25 | 270 | --- |
| --- | --- | --- | --- | 1 | 2 | 2 | --- | 210 | 1 | 1 | 2 | --- | --- | 1 | 1 | --- | 2 | 1 | --- | 1 | 1 | --- | 12 | 222 | 1 | |
| --- | --- | --- | --- | --- | 2 | 2 | 1 | 107 | 1 | --- | 2 | 1 | --- | 1 | 1 | --- | --- | 1 | --- | 1 | 2 | 3 | 12 | 119 | 2 | |
| --- | --- | --- | --- | 1 | 2 | 4 | 1 | 317 | 2 | 1 | 4 | 1 | 2 | 1 | --- | 2 | 2 | --- | 1 | 2 | 3 | 3 | 24 | 341 | --- | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | 12 | --- | 7 | 2 | 6 | 1 | --- | 2 | 1 | 5 | 111 | 148 | 148 | 1 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 2 | 1 | --- | 1 | --- | 1 | --- | 19 | 1 | --- | 2 | 1 | 3 | 59 | 90 | 90 | 2 | |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | 99 | 99 | 99 | 3 | |
| 2 | --- | --- | --- | --- | 2 | 6 | 2 | 163 | 1 | --- | 3 | --- | --- | --- | --- | --- | --- | 1 | 1 | 1 | 2 | 4 | 14 | 177 | 4 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | 1 | 1 | 1 | 1 | 5 | 10 | 56 | 5 | |
| --- | --- | --- | --- | --- | 2 | --- | --- | 40 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | 1 | 1 | 1 | 1 | 1 | 8 | 48 | 6 | |
| 2 | --- | --- | 1 | --- | 2 | --- | --- | 77 | 1 | --- | 1 | 1 | --- | 1 | --- | --- | --- | 1 | 1 | 1 | 1 | 1 | 8 | 85 | 7 | |
| 4 | --- | --- | --- | 1 | 2 | 7 | 5 | 269 | 2 | --- | 3 | --- | --- | 1 | 1 | --- | --- | 1 | 1 | --- | --- | 5 | 15 | 284 | 8 | |

TABLE 15—

| Number. | Name of operator. | Post office of mine. | Underground. | | | | | | | | | | | |
|---|-----------------------------------|----------------------|--------------|---------|----------|---------------------------|---------------------------------------|-----------------|-------------------------------|-----------------|--------------|--------------------------|------------------|------------------|
| | | | Bratticemen. | Cagers. | Drivers. | Electricians and helpers. | Mechanical loading machine operators. | Mine examiners. | Mine managers and assistants. | Machine miners. | Pick miners. | Motormen and assistants. | Machine helpers. | Machine runners. |
| FULTON COUNTY—THIRD DISTRICT— Concluded. | | | | | | | | | | | | | | |
| 9 | Dorthel Coal Co., No. 2 | Farmington | -- | 1 | 7 | 1 | -- | 1 | 1 | 80 | -- | 2 | 4 | 4 |
| 10 | Sunnyside Coal Co. | Cuba | -- | | 2 | | -- | 1 | 1 | | 18 | -- | | |
| 11 | Golden Rule Coal Co. | Middle Grove | -- | | | | -- | | | 8 | -- | | 1 | 1 |
| 12 | George Swords | Canton | -- | | | | -- | | | | -- | | | |
| 13 | E. A. Reed Coal Co. | Canton | -- | | | | -- | | 1 | | 10 | 2 | | |
| 14 | Living and Smith | Peoria | -- | | | | -- | | | | -- | | | |
| Total | | | 1 | 11 | 48 | 5 | 2 | 6 | 9 | 449 | 88 | 18 | 31 | 31 |
| KNOX COUNTY—THIRD DISTRICT. | | | | | | | | | | | | | | |
| 1 | Galesburg Mining Co. | Galesburg | 2 | 2 | 15 | 4 | -- | 3 | 4 | 178 | 8 | 7 | 12 | 12 |
| CHRISTIAN COUNTY—FOURTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Peabody Coal Co., No. 9 | Taylorville | 2 | 1 | -- | 27 | 28 | 2 | 16 | -- | -- | 54 | 12 | 12 |
| 2 | Peabody Coal Co., No. 7 | Kincaid | 3 | 2 | -- | 26 | 30 | 2 | 14 | -- | -- | 56 | 8 | 8 |
| 3 | Peabody Coal Co., No. 8 | Tovey | 4 | 2 | -- | 24 | 10 | 2 | 10 | 110 | -- | 50 | 25 | 25 |
| 4 | Peabody Coal Co., No. 58 | Taylorville | 1 | 3 | -- | 25 | 12 | 2 | 12 | -- | -- | 45 | 4 | 4 |
| 5 | Pana Coal Co., No. 1 | Pana | -- | 2 | 10 | -- | -- | 1 | 2 | -- | 138 | 3 | -- | -- |
| 6 | Penwell Coal Mining Co. | Pana | -- | 2 | 10 | -- | -- | 2 | 2 | 16 | 219 | 1 | -- | -- |
| Total | | | 10 | 12 | 20 | 102 | 80 | 11 | 56 | 126 | 357 | 209 | 49 | 49 |
| SANGAMON COUNTY—FOURTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Central Ill. Coal Mining Co., "A" | Springfield | -- | 1 | 15 | 1 | -- | 1 | 2 | -- | 215 | 8 | -- | -- |
| 2 | Peabody Coal Co., No. 59 | Springfield | 1 | 1 | 26 | 6 | -- | 1 | 9 | 125 | -- | 5 | 7 | 7 |
| 3 | Peabody Coal Co., No. 57 | Springfield | 2 | 2 | 24 | 5 | -- | 1 | 8 | 123 | -- | 7 | -- | 12 |
| 4 | Mine B Coal Co. | Springfield | 2 | 2 | 24 | 1 | -- | 2 | 2 | -- | 343 | 8 | -- | -- |
| 5 | Panther Creek Mines, Inc., No. 4 | Springfield | -- | 2 | 21 | 2 | -- | 2 | 3 | -- | 321 | 6 | -- | -- |
| 6 | Peabody Coal Co., No. 53 | Springfield | 1 | 1 | 27 | 8 | 12 | 1 | 7 | 115 | -- | 9 | -- | -- |
| 7 | Sangamon Coal Co., No. 2 | Springfield | -- | 1 | 21 | -- | -- | 1 | 4 | -- | 257 | 6 | -- | -- |
| 8 | Panther Creek Mines, Inc., No. 5 | Springfield | 1 | 2 | 17 | -- | -- | 1 | 2 | -- | 235 | 5 | -- | -- |
| 9 | Jefferson Coal Mining Co., No. 81 | Springfield | -- | 1 | 9 | -- | -- | 1 | 2 | -- | 120 | 2 | -- | -- |
| 10 | Peabody Coal Co., No. 51 | Springfield | 1 | 2 | 15 | 4 | -- | 1 | 6 | 85 | -- | 3 | 5 | 5 |
| Total | | | 8 | 15 | 199 | 27 | 12 | 12 | 45 | 448 | 1491 | 59 | 12 | 24 |
| MACON COUNTY—FIFTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Macon County Coal Co. | Decatur | -- | 2 | 15 | 2 | -- | 1 | 6 | 239 | -- | 2 | 26 | -- |
| VERMILION COUNTY—FIFTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | United States Fuel Co., "Bun" | Georgetown | 12 | 7 | 15 | 14 | -- | 8 | 16 | 1012 | -- | 63 | 37 | 37 |
| 2 | Peabody Coal Co., No. 24 | Danville | 3 | 1 | 32 | 21 | 13 | 2 | 8 | 25 | 3 | 24 | 20 | 20 |
| 3 | Tilton Mining Co. | Danville | -- | 1 | 4 | 1 | -- | 1 | 1 | 44 | 8 | -- | 3 | 3 |
| 4 | Oakwood Coal Co. | Oakwood | 1 | 1 | 2 | -- | -- | -- | 1 | 27 | -- | -- | -- | 4 |
| 5 | Coal Stripping Co., No. 2 | Danville | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 6 | United Electric Coal Co., No. 12 | Danville | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Total | | | 16 | 10 | 53 | 36 | 13 | 11 | 26 | 1108 | 11 | 87 | 60 | 64 |

Continued.

| Underground. | | | | | | | | On surface. | | | | | | | | | | | | | | | | Total—all employees. | Number. | |
|----------------------|--------------|-----------------------|------------|------------|------------|-----------|-------------------------|--------------------|--------------|-------------|-----------------|--------|----------|--------------|-------------------------|------------------------|------------------|----------------|-----------|-----------|---------------------------|--------------------|-------------------|----------------------|---------|----|
| Pumpmen and pipemen. | Shot firers. | Shot firers' runners. | Spraggers. | Stablemen. | Timbermen. | Trackmen. | All others underground. | Total underground. | Blacksmiths. | Carpenters. | Engi- neers. | | Firemen. | Top foremen. | Machinists and helpers. | Picking table workers. | Superintendents. | Stablemen—top. | Watchmen. | Weighmen. | Office employees at mine. | Others on surface. | Total on surface. | | | |
| | | | | | | | | | | | Hoisting. | Other. | | | | | | | | | | | | | | |
| --- | 2 | 1 | 1 | 4 | 4 | 4 | 117 | 2 | 3 | --- | --- | --- | --- | 1 | --- | --- | 1 | --- | 1 | 1 | 1 | 2 | 12 | 129 | 9 | |
| --- | --- | --- | --- | --- | --- | 1 | 25 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | 3 | 3 | 28 | 10 | |
| --- | --- | --- | --- | --- | --- | --- | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 | 13 | 11 | |
| --- | --- | --- | --- | --- | --- | --- | 13 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | 3 | 6 | 12 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 | 2 | 15 | 13 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5 | 5 | 14 | |
| --- | 14 | 2 | 2 | 12 | 20 | 11 | 760 | 12 | 1 | 15 | 17 | 2 | 13 | 2 | 26 | 11 | 1 | 9 | 7 | 14 | 293 | 423 | 1,183 | --- | | |
| 2 | 2 | 2 | 2 | 1 | 1 | 10 | 4 | 269 | 3 | 1 | 3 | 1 | 1 | 1 | 2 | 6 | 1 | --- | --- | --- | 2 | 5 | 26 | 295 | 1 | |
| --- | --- | 3 | --- | 30 | 28 | 152 | 367 | 5 | 1 | 4 | --- | --- | --- | 1 | 3 | 70 | 1 | --- | 8 | 3 | 4 | 40 | 140 | 507 | 1 | |
| --- | --- | 3 | --- | 18 | 28 | 188 | 356 | 3 | 1 | 4 | --- | --- | --- | --- | 1 | 3 | 63 | 1 | 7 | 2 | 4 | 52 | 141 | 527 | 2 | |
| 1 | 10 | 2 | 2 | 23 | 29 | 71 | 400 | 5 | 1 | 4 | --- | --- | --- | 1 | 2 | 75 | 1 | 7 | 3 | 4 | 32 | 135 | 535 | 3 | | |
| --- | --- | 2 | --- | 15 | 27 | 104 | 258 | 4 | 1 | 4 | --- | --- | 3 | 1 | 4 | 55 | 1 | 6 | 2 | 5 | 39 | 125 | 383 | 4 | | |
| --- | --- | 1 | --- | 4 | 2 | --- | 163 | 1 | 3 | 3 | --- | --- | 3 | --- | --- | 2 | --- | 1 | 3 | 15 | 29 | 192 | 192 | 5 | | |
| --- | --- | 4 | 1 | 4 | 3 | 8 | 272 | 1 | 1 | 3 | --- | --- | 3 | --- | 1 | 5 | 1 | --- | 1 | 3 | 10 | 29 | 301 | 6 | | |
| 1 | 10 | 4 | 15 | 1 | 94 | 117 | 523 | 1,846 | 19 | 6 | 22 | --- | 9 | 4 | 13 | 268 | 7 | 28 | 12 | 23 | 188 | 599 | 2,445 | --- | | |
| --- | 2 | 3 | 3 | 1 | 8 | 18 | 278 | 1 | 1 | 3 | --- | --- | 1 | --- | --- | --- | 1 | 1 | 1 | 4 | 9 | 22 | 300 | 1 | | |
| --- | --- | 5 | 1 | 18 | 22 | 70 | 304 | 2 | 5 | 4 | --- | --- | 3 | 1 | 1 | 15 | 1 | 4 | 2 | 3 | 13 | 54 | 358 | 2 | | |
| --- | --- | 2 | 1 | 15 | 18 | 91 | 311 | 3 | --- | 4 | 2 | 2 | 1 | 1 | 1 | 11 | 1 | 5 | 1 | 4 | 22 | 57 | 368 | 3 | | |
| --- | 4 | 3 | 1 | 6 | 11 | 10 | 419 | 3 | 1 | 3 | 1 | 1 | 1 | --- | --- | --- | 1 | 1 | 1 | 9 | 9 | 31 | 450 | 4 | | |
| --- | 4 | 2 | 1 | 6 | 5 | 18 | 393 | 1 | 2 | 3 | 1 | 1 | 1 | --- | --- | 3 | 1 | 1 | 2 | 2 | 5 | 23 | 416 | 5 | | |
| --- | 6 | 1 | 1 | 30 | 20 | 48 | 287 | 2 | 2 | 4 | 1 | --- | 1 | --- | --- | 1 | 5 | 2 | 4 | 18 | 40 | 327 | 6 | | | |
| 1 | 4 | 1 | 1 | 5 | 7 | 12 | 320 | 2 | 2 | 1 | 3 | 1 | 1 | --- | --- | 1 | 1 | 1 | 1 | 6 | 9 | 30 | 350 | 7 | | |
| --- | 2 | 2 | 1 | 7 | 8 | 13 | 296 | 1 | 2 | 3 | --- | --- | 1 | --- | --- | --- | 1 | 2 | 1 | 2 | 6 | 20 | 316 | 8 | | |
| --- | 2 | --- | 1 | 2 | 2 | 8 | 150 | 1 | 1 | 3 | --- | --- | --- | --- | --- | 3 | 1 | 1 | 1 | 3 | 17 | 38 | 38 | 5 | | |
| --- | 4 | 4 | 2 | 1 | 12 | 14 | 209 | 2 | --- | 3 | --- | --- | 1 | 1 | 1 | 8 | 1 | 1 | 1 | 3 | 3 | 25 | 234 | 10 | | |
| 1 | 28 | 4 | 20 | 12 | 102 | 115 | 333 | 2,967 | 18 | 16 | 31 | 8 | 10 | 10 | 3 | 41 | 8 | 3 | 22 | 13 | 39 | 96 | 318 | 3,285 | | |
| --- | --- | 1 | 1 | 2 | 5 | --- | 302 | 2 | --- | 4 | --- | 1 | 1 | --- | --- | 1 | --- | 1 | 1 | 9 | 10 | 30 | 332 | 1 | | |
| --- | 9 | 6 | 1 | 67 | 69 | 112 | 1,485 | 10 | 2 | 6 | 1 | 6 | 1 | 2 | --- | --- | 1 | --- | 1 | 5 | 63 | 96 | 1,581 | 1 | | |
| 2 | --- | 2 | 1 | 42 | 31 | 142 | 390 | 4 | 1 | 4 | 2 | 3 | 2 | 2 | 16 | 1 | --- | 2 | 3 | 4 | 21 | 65 | 455 | 2 | | |
| --- | --- | --- | --- | 1 | --- | --- | 71 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | 1 | 1 | 6 | 77 | 3 | | |
| --- | --- | --- | --- | --- | --- | --- | 37 | 1 | 1 | 1 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | 1 | 3 | 9 | 46 | 4 | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4 | 4 | --- | --- | 7 | 1 | --- | --- | 3 | 17 | 38 | 38 | 5 | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 56 | 56 | 56 | 6 | | |
| 2 | 9 | 8 | 2 | 111 | 101 | 255 | 1,983 | 17 | 4 | 12 | 7 | 13 | 3 | 2 | 23 | 5 | --- | 4 | 5 | 14 | 161 | 270 | 2,253 | --- | | |

TABLE 15—

| Number. | Name of operator. | Post office of mine. | Underground. | | | | | | | | | | | |
|-----------------------------------|---|----------------------|--------------|---------|----------|---------------------------|---------------------------------------|-----------------|-------------------------------|-----------------|--------------|--------------------------|------------------|------------------|
| | | | Bratticemen. | Cagers. | Drivers. | Electricians and helpers. | Mechanical loading machine operators. | Mine examiners. | Mine managers and assistants. | Machine miners. | Pick miners. | Motormen and assistants. | Machine helpers. | Machine runners. |
| MACOUPIN COUNTY—SIXTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Consolidated Coal Co. of St. Louis, No. 15..... | Mt. Olive..... | 2 | 2 | --- | 18 | 40 | 5 | 12 | --- | --- | 65 | 25 | 25 |
| 2 | Superior Coal Co., No. 2..... | Gillespie..... | 7 | 5 | --- | 17 | --- | 5 | 12 | 326 | --- | 39 | 11 | 12 |
| 3 | Superior Coal Co., No. 3..... | Gillespie..... | 11 | 4 | 2 | --- | --- | 5 | 10 | 354 | --- | 45 | 8 | 8 |
| 4 | Superior Coal Co., No. 1..... | Gillespie..... | 8 | 5 | 1 | 17 | --- | 4 | 10 | 267 | --- | 42 | 5 | 5 |
| 5 | Gillespie Coal Co..... | Gillespie..... | 1 | 2 | 19 | 5 | --- | 1 | 4 | 104 | --- | 5 | 5 | 5 |
| 6 | Superior Coal Co., No. 4..... | Gillespie..... | 6 | 1 | --- | 12 | --- | 3 | 6 | 169 | --- | 22 | 3 | 4 |
| 7 | Viriden Coal Co..... | Viriden..... | --- | 2 | 5 | 1 | --- | 1 | 1 | 108 | --- | 4 | 6 | 6 |
| 8 | Mt. Olive Coal Co..... | Mt. Olive..... | --- | 3 | 5 | 3 | --- | 1 | 3 | 124 | --- | 8 | 4 | 4 |
| Total..... | | | 35 | 23 | 32 | 92 | 40 | 25 | 58 | 1452 | --- | 230 | 67 | 69 |
| MONTGOMERY COUNTY—SIXTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Indiana & Illinois Coal Corp..... | Nokomis..... | 4 | 4 | --- | 20 | --- | 3 | 11 | --- | --- | 61 | 16 | 15 |
| 2 | Hillsboro Coal Co., No. 1..... | Hillsboro..... | --- | 3 | 16 | 2 | --- | 2 | 3 | 130 | --- | 10 | --- | 12 |
| Total..... | | | 4 | 7 | 16 | 22 | --- | 5 | 14 | 130 | --- | 71 | 16 | 27 |
| SHELBY COUNTY—SIXTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Erie Sootless Coal Co..... | Moweaqua..... | --- | 3 | 3 | 1 | --- | 1 | 1 | 35 | --- | 1 | 4 | 4 |
| BOND COUNTY—SEVENTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Illinois Pocahontas Coal Co..... | Pocahontas..... | --- | 2 | 12 | 2 | 4 | --- | 4 | 75 | --- | 4 | 12 | 12 |
| MADISON COUNTY—SEVENTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Mt. Olive & Staunton Coal Co., No. 2..... | Staunton..... | 2 | 2 | 30 | 19 | 44 | 4 | 11 | --- | --- | 28 | 20 | 20 |
| 2 | Lumaghi Coal Co., No. 2..... | Collinsville..... | 2 | 1 | 2 | 10 | --- | 2 | 8 | 159 | --- | 19 | 16 | 17 |
| 3 | Livingston & Mt. Olive Coal Co., No. 1..... | Livingston..... | --- | 2 | --- | 2 | --- | 1 | 1 | 239 | --- | 17 | 13 | 14 |
| 4 | Madison County Coal & Mining Co..... | Edwardsville..... | --- | 1 | --- | 2 | --- | 2 | 2 | 140 | --- | 14 | 7 | 7 |
| 5 | Chicopee Coal Co..... | Troy..... | --- | 1 | 9 | --- | --- | 1 | 1 | 66 | --- | 2 | 4 | 4 |
| 6 | Stiers Bros. Construction Co..... | Moro..... | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | Bullock Mining Co..... | Collinsville..... | --- | 1 | 6 | --- | --- | --- | 1 | --- | 38 | --- | --- | --- |
| Total..... | | | 4 | 8 | 47 | 33 | 44 | 10 | 24 | 604 | 38 | 80 | 60 | 62 |
| MARION COUNTY—SEVENTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Marion County Coal Co..... | Centralia..... | 2 | 1 | 18 | 9 | 14 | 2 | 8 | 13 | --- | 14 | 8 | 8 |
| 2 | Odin Coal Co..... | Odin..... | --- | 4 | 11 | --- | --- | 1 | 1 | 121 | 1 | 3 | 10 | 10 |
| Total..... | | | 2 | 5 | 29 | 9 | 14 | 3 | 9 | 134 | 1 | 17 | 18 | 18 |
| CLINTON COUNTY—EIGHTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Southern Coal, Coke & Mining Co., No. 9..... | New Baden..... | 2 | 4 | --- | 4 | --- | 2 | 2 | 154 | --- | 16 | 12 | 12 |
| 2 | Citizens Coal Co., "E"..... | Breese..... | --- | 2 | 4 | 1 | --- | 1 | 1 | 70 | --- | 3 | 4 | 4 |
| 3 | Beckemeyer Coal Co..... | Beckemeyer..... | --- | 2 | 3 | 2 | --- | 2 | 1 | --- | 60 | 1 | 3 | 3 |
| Total..... | | | 2 | 8 | 7 | 7 | --- | 5 | 4 | 224 | 60 | 20 | 19 | 19 |

Continued.

| Underground. | | | | | | | | | On surface. | | | | | | | | | | | | | | | | |
|----------------------|--------------|-----------------------|-----------|------------|------------|-----------|-------------------------|--------------------|--------------|-------------|-----------------|-----|----------|--------------|-------------------------|------------------------|------------------|----------------|-----------|-----------|---------------------------|--------------------|-------------------|----------------------|---------|
| Pumpmen and pipemen. | Shot firers. | Shot firers' runners. | Sprayers. | Stablemen. | Timbermen. | Trackmen. | All others underground. | Total underground. | Blacksmiths. | Carpenters. | Engi- neers. | | Firemen. | Top foremen. | Machinists and helpers. | Picking table workers. | Superintendents. | Stablemen—top. | Watchmen. | Weighmen. | Office employees at mine. | Others on surface. | Total on surface. | Total—all employees. | Number. |
| --- | 52 | 6 | --- | 1 | 25 | 33 | 109 | 420 | 5 | 5 | 4 | 1 | 4 | 7 | 1 | 3 | 60 | 1 | 2 | 2 | 3 | 54 | 145 | 565 | 1 |
| --- | --- | 3 | --- | --- | 28 | 45 | 100 | 610 | 3 | 2 | 4 | --- | 7 | 1 | --- | --- | --- | --- | 1 | 2 | 15 | 35 | 645 | 2 | |
| --- | --- | 3 | --- | --- | 33 | 41 | 101 | 644 | 2 | 1 | 4 | --- | 10 | 1 | --- | --- | --- | --- | 1 | 3 | 19 | 41 | 655 | 3 | |
| --- | 5 | --- | --- | 1 | 44 | 46 | 76 | 532 | 3 | 1 | 4 | --- | 6 | 1 | --- | --- | --- | --- | 1 | 2 | 15 | 33 | 565 | 4 | |
| --- | --- | 2 | --- | --- | 6 | 6 | 12 | 181 | 2 | 1 | 3 | --- | 3 | 1 | --- | 19 | --- | --- | 2 | 2 | 7 | 37 | 218 | 5 | |
| --- | --- | 1 | --- | --- | 15 | 28 | 40 | 310 | 2 | 1 | 4 | --- | 3 | 1 | --- | --- | --- | --- | 1 | 1 | 17 | 29 | 339 | 6 | |
| --- | --- | 3 | --- | --- | 3 | 3 | 2 | 142 | 1 | 1 | 3 | --- | 2 | 1 | --- | --- | --- | --- | 1 | 1 | 5 | 16 | 158 | 7 | |
| --- | --- | 2 | --- | --- | 4 | 5 | 5 | 170 | 2 | 1 | 3 | --- | 5 | 1 | 1 | --- | --- | --- | 2 | 2 | 6 | 23 | 193 | 8 | |
| --- | 57 | 6 | 11 | 2 | 158 | 207 | 445 | 3,009 | 20 | 13 | 29 | --- | 1 | 37 | 8 | 5 | 79 | 1 | 7 | 14 | 7 | 138 | 359 | 3,368 | |
| --- | 9 | --- | --- | --- | 50 | 39 | 240 | 472 | 4 | 3 | 3 | 1 | 2 | 1 | 2 | 42 | 1 | --- | 1 | 4 | 29 | 93 | 565 | 1 | |
| --- | --- | 4 | 2 | --- | 17 | --- | --- | 201 | 2 | 1 | 3 | --- | 5 | 1 | 1 | 6 | 1 | 1 | 1 | 1 | 6 | 30 | 231 | 2 | |
| --- | 9 | --- | 4 | 2 | 67 | 39 | 240 | 673 | 6 | 4 | 6 | 1 | 7 | 2 | 3 | 48 | 2 | 1 | 1 | 2 | 5 | 35 | 123 | 796 | |
| --- | 2 | 1 | --- | --- | 2 | 2 | --- | 60 | 2 | --- | 3 | --- | 1 | 1 | --- | --- | 1 | --- | 1 | 2 | --- | --- | 11 | 71 | 1 |
| --- | 2 | 2 | 4 | 1 | 3 | 3 | 2 | 144 | 1 | 1 | 3 | --- | 1 | --- | 1 | 5 | 1 | --- | 1 | 1 | 4 | 19 | 163 | 1 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | 2 | 4 | 1 | 18 | 33 | 217 | 450 | 4 | 2 | 4 | --- | 6 | 1 | 4 | 42 | 1 | --- | 1 | 2 | 5 | 28 | 100 | 550 | 1 |
| --- | --- | 2 | 4 | 1 | 21 | 24 | 28 | 316 | 10 | 1 | 3 | --- | 4 | 1 | 1 | 15 | 1 | --- | 3 | 1 | 2 | 8 | 50 | 366 | 2 |
| --- | --- | 1 | 2 | --- | 1 | 14 | 12 | 319 | 2 | 1 | 3 | --- | 3 | 1 | --- | 6 | 1 | --- | 1 | 2 | 2 | 8 | 30 | 349 | 3 |
| --- | --- | --- | --- | --- | 1 | 7 | 4 | 187 | 1 | --- | 3 | --- | 1 | 1 | --- | 6 | 1 | --- | --- | 1 | 1 | 1 | 16 | 203 | 4 |
| --- | --- | --- | --- | --- | 5 | 3 | 2 | 98 | 1 | 1 | 3 | --- | 2 | 1 | --- | --- | --- | --- | 1 | 2 | 2 | 13 | 111 | 5 | |
| --- | 2 | --- | --- | --- | --- | 3 | --- | 51 | 1 | --- | 1 | --- | --- | --- | --- | 4 | 1 | --- | 1 | 1 | 18 | 24 | 24 | 6 | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | 1 | 2 | 8 | 59 | 7 | |
| --- | 2 | 3 | 6 | 3 | 46 | 84 | 263 | 1,421 | 19 | 5 | 17 | --- | 16 | 5 | 6 | 73 | 6 | --- | 6 | 8 | 13 | 67 | 241 | 1,662 | |
| --- | 4 | --- | 3 | 2 | 9 | 3 | 78 | 196 | 4 | 5 | 4 | --- | 7 | 1 | 1 | 8 | 1 | --- | 3 | 1 | 3 | 19 | 57 | 253 | 1 |
| --- | --- | --- | --- | --- | 2 | 5 | 1 | 170 | 2 | 1 | 4 | --- | 4 | 1 | --- | 5 | --- | --- | 1 | 3 | 6 | 27 | 197 | 197 | 2 |
| --- | 4 | --- | 3 | 2 | 11 | 8 | 79 | 366 | 6 | 6 | 8 | --- | 11 | 2 | 1 | 13 | 1 | --- | 3 | 2 | 6 | 25 | 84 | 450 | |
| --- | --- | --- | --- | --- | 6 | 12 | 7 | 233 | 3 | 2 | 3 | --- | 3 | 1 | 1 | 5 | --- | --- | 1 | 2 | 8 | 29 | 262 | 1 | |
| --- | --- | 1 | 1 | 3 | 2 | --- | --- | 97 | 1 | 1 | 3 | --- | 2 | 1 | --- | --- | --- | 1 | 1 | 1 | 4 | 15 | 112 | 2 | |
| --- | --- | --- | --- | 1 | 2 | 2 | 1 | 83 | 2 | 1 | 3 | --- | 1 | 1 | --- | --- | --- | --- | 1 | 1 | 4 | 14 | 97 | 3 | |
| --- | --- | 1 | 2 | 11 | 16 | --- | 8 | 413 | 6 | 4 | 9 | --- | 6 | 3 | 1 | 5 | --- | --- | 1 | 3 | 4 | 16 | 58 | 471 | |

TABLE 15—

| Number. | Name of operator. | Post office of mine. | Underground. | | | | | | | | | | | |
|-----------------------------------|---|----------------------|--------------|---------|----------|---------------------------|---------------------------------------|-----------------|-------------------------------|-----------------|--------------|--------------------------|------------------|------------------|
| | | | Bratticemen. | Cagers. | Drivers. | Electricians and helpers. | Mechanical loading machine operators. | Mine examiners. | Mine managers and assistants. | Machine miners. | Pick miners. | Motormen and assistants. | Machine helpers. | Machine runners. |
| ST. CLAIR COUNTY—EIGHTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | St. Louis & O'Fallon Coal Co., No. 2 | East St. Louis | 1 | 2 | 19 | 5 | 3 | 8 | 309 | | 17 | 22 | 22 | |
| 2 | Perry Coal Co., St. Ellen | O'Fallon | 1 | 2 | 14 | 9 | 7 | 7 | 21 | | 13 | 8 | 9 | |
| 3 | Southern Coal, Coke & Mining Co., No. 7 | Belleville | 4 | 2 | 12 | 3 | 12 | 1 | 3 | | 3 | | | |
| 4 | Gundlach Coal Co. | East St. Louis | | | 11 | 3 | 9 | 1 | | | 3 | 7 | 7 | |
| 5 | Groom Coal Co. | Belleville | 2 | 7 | 1 | 1 | 1 | 1 | | 49 | 2 | 2 | 2 | |
| 6 | Prairie Coal Co. | Belleville | 4 | 8 | 1 | 1 | 1 | 1 | | 122 | 4 | | | |
| 7 | Perry Coal Co., Carbon | O'Fallon | 2 | 7 | 1 | 1 | 1 | 1 | | 60 | 2 | | | |
| 8 | Vinegar Hill Coal Co. | Lenzburg | 2 | 3 | 1 | 1 | 1 | 1 | | 36 | 1 | | | |
| 9 | Golden Rule Coal Co. | Lenzburg | 2 | 4 | 1 | 1 | 1 | 1 | | 32 | 1 | | | |
| 10 | Service Coal Co. | Belleville | 2 | 4 | 1 | 1 | 1 | 1 | | 72 | 2 | | | |
| 11 | Mulberry Hill Coal Co. | Freeburg | 2 | 5 | 1 | 1 | 1 | 1 | | 50 | 2 | | | |
| 12 | White Coal Co. | Belleville | 1 | 6 | 1 | 1 | 2 | 50 | | 50 | 1 | | | |
| 13 | O. K. Coal Co. | Marissa | 1 | 7 | 1 | 1 | 1 | 110 | | 2 | 2 | | | |
| 14 | Gill Coal Corp. | Marissa | 2 | 6 | 1 | 1 | 1 | 89 | | 2 | | | | |
| 15 | Freeburg Coal Co. | Freeburg | 1 | 4 | 1 | 1 | 1 | 50 | | 1 | | | | |
| 16 | Rentschler Coal & Mining Co. | Belleville | 1 | 3 | 1 | 1 | 1 | 30 | | 1 | | | | |
| 17 | Quality Coal & Mining Co. | Belleville | 2 | 5 | 2 | 2 | 1 | 48 | | 1 | | | | |
| 18 | Guest Coal Co. | Belleville | 3 | 4 | 1 | 1 | 2 | 55 | | 1 | 4 | 4 | | |
| 19 | Eldnar Coal Co. | Belleville | 1 | 2 | 1 | 1 | 1 | 26 | | 2 | | | | |
| 20 | Lenzburg Coal Co. | Lenzburg | 1 | 3 | 1 | 1 | 1 | 44 | | 2 | | | | |
| 21 | Jones Bros. Coal Mining Co., No. 1 | Marissa | 1 | 6 | 1 | 1 | 1 | 33 | | | | | | |
| 22 | United Electric Coal Co., No. 23 | Freeburg | | | | | | | | | | | | |
| Total | | | 6 | 36 | 140 | 23 | 28 | 24 | 38 | 385 | 901 | 63 | 43 | 44 |
| JACKSON COUNTY—NINTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Union Colliery Co. | Dowell | 4 | 2 | | 39 | 42 | 5 | 18 | 117 | 74 | 21 | 21 | |
| 2 | Truax-Traer Coal Co., No. 2 | Elkville | | | | | | | | | | | | |
| 3 | Truax-Traer Coal Co., No. 1 | Elkville | | | | | | | | | | | | |
| 4 | Peacock Coal Co., No. 1 | Hurst | | | 1 | | | 1 | 8 | | | 1 | 1 | |
| Total | | | 4 | 2 | 1 | 39 | 42 | 5 | 19 | 125 | 74 | 22 | 22 | |
| PERRY COUNTY—NINTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Pyramid Coal Corp. | Pinckneyville | | | | | | | | | | | | |
| 2 | United Electric Coal Corp., No. 11 | DuQuoin | | | | | | | | | | | | |
| 3 | Coal Stripping Co., No. 1 | Pinckneyville | | | | | | | | | | | | |
| 4 | Crerar Clinch Coal Co., No. 14 | DuQuoin | 1 | 2 | 5 | 10 | 3 | 5 | 400 | 20 | 13 | 17 | 25 | |
| 5 | Coulterville Coal Co. | Coulterville | 2 | 9 | 1 | 1 | 2 | 127 | | | 4 | 5 | 10 | |
| 6 | Cutler Coal Co., Inc. | Cutler | 1 | 5 | 1 | 1 | 1 | 68 | | | 2 | 5 | 5 | |
| 7 | Perfection Coal Co. | DuQuoin | | | | | | | | | | | | |
| 8 | Crerar Clinch Coal Co., No. 15 | DuQuoin | | | | | | | | | | | | |
| 9 | Winkle Coal Co. | Swanwick | 2 | 4 | 1 | 1 | 2 | | 44 | 2 | 2 | 1 | | |
| 10 | Whip-Poor-Will Coal Mining Co. | Cutler | 1 | 7 | | 1 | 1 | | 83 | | | | | |
| 11 | Briar Hill Coal Mining Co., No. 45 | Pinckneyville | 1 | 2 | 5 | 2 | 1 | | 70 | 2 | | | | |
| 12 | Beaucoup Coal Co. | Pinckneyville | | | 1 | | 1 | | 6 | | | | | |
| 13 | Ring Coal Co. | Cutler | | | | | 1 | | 10 | | | | | |
| 14 | Home Coal Co. | Willisville | | | 1 | | 1 | | | 1 | 1 | 1 | | |
| 15 | Bailey Bros. Coal Co. | DuQuoin | | | 1 | | 1 | | 10 | | | | | |
| 16 | Tamaroa Coal Co. | Tamaroa | | | 1 | | 1 | | 6 | | | | | |
| 17 | Biby Coal Co. | Pinckneyville | | | 1 | | 1 | | 9 | | | | | |
| 18 | Talbott Coalery Co. | DuQuoin | | | | | | | | | | | | |
| 19 | Conant Coal Co. | Conant | | | 1 | | | 1 | 4 | | | | 1 | |
| 20 | Imperial Coal Co. | Tamaroa | | 1 | 1 | | | 1 | 7 | | | | | |
| Total | | | 2 | 11 | 42 | 15 | 11 | 19 | 602 | 262 | 24 | 30 | 43 | |

Continued.

| Underground. | | | | | | | | | On surface. | | | | | | | | | | | | | | | | |
|----------------------|--------------|-----------------------|------------|------------|------------|-----------|-------------------------|--------------------|--------------|-------------|------------|--------|----------|--------------|-------------------------|------------------------|------------------|----------------|-----------|-----------|---------------------------|--------------------|-------------------|----------------------|---------|
| Pumpmen and pipemen. | Shot firers. | Shot firers' runners. | Spraggers. | Stablemen. | Timbermen. | Trackmen. | All others underground. | Total underground. | Blacksmiths. | Carpenters. | Engineers. | | Firemen. | Top foremen. | Machinists and helpers. | Picking table workers. | Superintendents. | Stablemen—top. | Watchmen. | Weighmen. | Office employees at mine. | Others on surface. | Total on surface. | Total—all employees. | Number. |
| | | | | | | | | | | | Hoisting. | Other. | | | | | | | | | | | | | |
| 8 | | 3 | 1 | 2 | 19 | 26 | 459 | 3 | 3 | 3 | 3 | 4 | 1 | 1 | 1 | 16 | | | 1 | | 2 | 20 | 51 | 510 | 1 |
| | | 4 | 2 | 12 | 15 | 49 | 182 | 1 | 4 | 1 | 1 | 2 | 1 | 1 | 2 | 25 | 1 | | 1 | | 3 | 11 | 53 | 235 | 2 |
| 9 | | 2 | 1 | 5 | 13 | 13 | 83 | 3 | | 3 | | 2 | 1 | 1 | 1 | 22 | | | 3 | | 1 | 5 | 40 | 123 | 3 |
| 3 | | 1 | 1 | 3 | 7 | 8 | 104 | 3 | | 2 | 1 | 1 | 1 | 1 | 1 | 16 | | | 1 | | 1 | 5 | 25 | 129 | 4 |
| 2 | | | | 12 | 12 | 14 | 91 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 4 | 15 | 106 | 5 |
| | | 2 | 1 | 2 | 5 | 5 | 155 | 1 | | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 2 | | 1 | | 1 | 5 | 16 | 171 | 6 |
| 8 | | | | 2 | 2 | 2 | 95 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 2 | 16 | 111 | 7 |
| 8 | | | | 2 | 2 | 4 | 57 | 1 | | 2 | 2 | 1 | 1 | 1 | 1 | 2 | | 1 | | 1 | 1 | 2 | 7 | 65 | 8 |
| | | | 1 | 1 | 1 | 1 | 86 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 2 | 9 | 66 | 9 |
| | | | | | 3 | 3 | 65 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | | 1 | | 1 | | 1 | 1 | 8 | 95 | 10 |
| | | | | 2 | 2 | 2 | 74 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 3 | 13 | 87 | 12 | |
| | | 1 | 1 | 1 | 1 | 1 | 131 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 12 | 143 | 13 | |
| | | 1 | 1 | 1 | 3 | 3 | 110 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | | 2 | | 2 | 2 | 9 | 119 | 14 | |
| | | | | | 2 | 2 | 62 | 1 | | 2 | 2 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 2 | 8 | 70 | 15 | |
| | | | | | 2 | 2 | 47 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 9 | 56 | 16 | |
| | | | | | 2 | 2 | 65 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 3 | 7 | 72 | 17 | |
| | | | | | 2 | 2 | 76 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 9 | 85 | 18 | |
| | | | | | 2 | 2 | 39 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 5 | 44 | 19 | |
| | | | | | 1 | 1 | 53 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 4 | 57 | 20 | |
| | | | | | 2 | | 47 | | | 2 | | | | | | | | | | | | 1 | 4 | 51 | 21 |
| | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 22 | |
| 3 | 62 | 15 | 9 | 42 | 102 | 175 | 2,139 | 22 | 7 | 36 | 4 | 22 | 7 | 4 | 88 | 8 | 1 | 10 | 22 | 23 | 103 | 357 | 2,496 | | |
| 3 | | 5 | | 15 | 31 | 11 | 408 | 2 | 4 | 1 | 4 | | 2 | 7 | 50 | 1 | 1 | 3 | 1 | 7 | 49 | 132 | 540 | 1 | |
| | | | | | | | | 2 | | 5 | | | 2 | 1 | 40 | 1 | | 3 | | 2 | 65 | 120 | 120 | 2 | |
| | | | | | | | 2 | 2 | | 1 | | | 1 | 4 | 2 | 36 | 1 | | 2 | | 8 | 89 | 150 | 3 | |
| | | | | | | | 15 | | | 1 | | | 1 | | | 1 | | | | | | 3 | 18 | 4 | |
| 3 | 1 | 5 | | 15 | 32 | 12 | 423 | 6 | 4 | 11 | 4 | 2 | 8 | 10 | 127 | 3 | 1 | 8 | 1 | 17 | 203 | 405 | 828 | | |
| | | | | | | | | 6 | 2 | | 18 | 1 | 1 | 7 | 26 | 1 | | 2 | 1 | 3 | 143 | 211 | 211 | 1 | |
| | | | | | | | | 1 | 2 | | | | | | | | | | | | 217 | 217 | 217 | 2 | |
| 1 | 4 | 3 | 1 | 6 | 16 | 30 | 562 | 2 | | 4 | 4 | 5 | 1 | 2 | 12 | 2 | | 1 | 2 | 49 | 80 | 80 | 3 | | |
| 2 | | 1 | 1 | | 6 | 1 | 172 | 1 | | 3 | 3 | 1 | 1 | 1 | 3 | 27 | 1 | 3 | 1 | 4 | 37 | 88 | 650 | 4 | |
| | | | | 1 | 4 | | 95 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 5 | 15 | 187 | 5 | | |
| | | | | | | | | 3 | 1 | 3 | 3 | 3 | 1 | 1 | | 1 | | 1 | 1 | 3 | 14 | 109 | 6 | | |
| | | | | | | | | 3 | | 2 | 2 | 2 | 2 | 2 | 26 | 1 | | 2 | | 1 | 28 | 38 | 38 | 7 | |
| | 2 | | | 4 | 2 | 7 | 74 | 2 | | 2 | 2 | 2 | 2 | 2 | 8 | 1 | | 1 | 1 | 49 | 96 | 96 | 8 | | |
| | 2 | | | | 3 | | 99 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | 21 | 95 | 9 | | |
| | 2 | | | 1 | 2 | | 90 | 1 | 1 | 3 | | 3 | 2 | 1 | 3 | 1 | | 1 | 1 | 2 | 14 | 113 | 10 | | |
| | 1 | | | | | | 10 | 1 | | 1 | | 1 | | | | | | | | | 3 | 13 | 12 | | |
| | | | | | | | 14 | 1 | | 1 | | 1 | | | | | | | | | 3 | 17 | 13 | | |
| | | | | | | | 18 | 1 | | 2 | | 1 | | | | | | | | | 4 | 22 | 14 | | |
| | | | | | | | 12 | 1 | | 1 | | 1 | | | | | | | | | 3 | 15 | 15 | | |
| | | | | | | | 9 | | | 1 | | 1 | | | | | | | | | 1 | 10 | 16 | | |
| | 2 | | | | | | 14 | | | 1 | | 1 | | | | | | | | | 3 | 17 | 17 | | |
| | | | | | | | 7 | | | 1 | | | | | | | | | | | 6 | 6 | 18 | | |
| | 2 | | | | | | 12 | 1 | | 1 | | 1 | | | | | | | | | 2 | 9 | 19 | | |
| | | | | | | | | | | | | | | | | | | | | | | 3 | 15 | 20 | |
| 1 | 19 | 6 | 3 | 12 | 36 | 50 | 1,188 | 23 | 6 | 32 | 25 | 22 | 8 | 14 | 110 | 10 | 1 | 12 | 8 | 18 | 547 | 836 | 2,024 | | |

TABLE 15—

| Number. | Name of operator. | Post office of mine. | Underground. | | | | | | | | | | | |
|-----------------------------------|--|----------------------|--------------|---------|----------|---------------------------|---------------------------------------|-----------------|-------------------------------|-----------------|--------------|--------------------------|------------------|------------------|
| | | | Bratticemen. | Cagers. | Drivers. | Electricians and helpers. | Mechanical loading machine operators. | Mine examiners. | Mine managers and assistants. | Machine miners. | Pick miners. | Motormen and assistants. | Machine helpers. | Machine runners. |
| RANDOLPH COUNTY—NINTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Moffat Coal Co. | Sparta | 1 | 1 | 31 | 6 | 1 | 4 | 245 | | 15 | 13 | 13 | |
| 2 | St. Louis Coal Co. | Coulterville | 1 | 1 | 10 | 5 | 1 | 3 | 66 | 16 | 1 | 10 | 15 | |
| 3 | Jones Bros. Coal Mining Co., No. 2 | Marissa | 2 | 5 | 5 | | 1 | 1 | | 94 | 2 | | | |
| 4 | Illmo Coal Co. | Sparta | 1 | 1 | 2 | | | | 24 | | | 1 | 1 | |
| Total | | | 2 | 5 | 48 | 11 | 3 | 8 | 335 | 110 | 18 | 24 | 29 | |
| WASHINGTON COUNTY—NINTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Centralia Coal Co., No. 5 | Centralia | 1 | 1 | | 15 | 12 | 1 | 9 | 44 | | 29 | 9 | 9 |
| 2 | Clarkson Coal & Mining Co. | Nashville | 2 | 8 | 1 | 1 | 1 | 64 | | | 2 | 4 | 4 | |
| 3 | Bois Coal Co. | DuBois | 1 | 3 | | | | 1 | | 27 | | | | |
| Total | | | 1 | 4 | 11 | 16 | 12 | 2 | 11 | 108 | 27 | 31 | 13 | 13 |
| FRANKLIN COUNTY—TENTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Chicago, Wilmington & Franklin Coal Co., No. 2 | W. Frankfort. | 8 | 2 | | 58 | 62 | 15 | 36 | | 143 | 33 | 33 | |
| 2 | Bell & Zoller Coal & Mining Co., No. 2 | Zeigler | 5 | 2 | | 25 | 4 | 7 | 12 | 486 | 74 | 29 | 19 | |
| 3 | Bell & Zoller Coal & Mining Co., No. 1 | Zeigler | 4 | 1 | | 42 | 20 | 8 | 4 | | 103 | 20 | 20 | |
| 4 | Valier Coal Co., No. 1 | Valier | 7 | 2 | | 42 | 22 | 10 | 20 | | 99 | 23 | 23 | |
| 5 | Old Ben Coal Corp., No. 8 | W. Frankfort. | 5 | 2 | | 16 | 6 | 6 | 15 | | 63 | 27 | 27 | |
| 6 | Old Ben Coal Corp., No. 15 | Ezra | 1 | 2 | | 10 | 4 | 4 | 12 | | 48 | 15 | 15 | |
| 7 | Chicago, Wilmington & Franklin Coal Co., No. 1 | Orient | 5 | 4 | | 9 | 28 | 6 | 18 | | 58 | 18 | 18 | |
| 8 | Franklin County Coal Co., Inc., No. 7 | Royalton | 6 | 2 | | 15 | 6 | 9 | 12 | 200 | 46 | 12 | 12 | |
| 9 | Franklin County Coal Co., Inc., No. 5 | Herrin | 4 | 2 | 33 | 6 | 6 | 10 | 297 | | 12 | 15 | 15 | |
| 10 | Peabody Coal Co., No. 19 | W. Frankfort. | 4 | 2 | 36 | 6 | 6 | 6 | 320 | | | 18 | 18 | |
| 11 | West Frankfort Coal Co., No. 21 | W. Frankfort. | 1 | 2 | | 10 | 3 | 4 | 192 | | 25 | 9 | 9 | |
| 12 | Brewerton Coal Co., No. 22 | Sesser | 2 | 2 | | 8 | 2 | 3 | 192 | | 36 | 15 | 15 | |
| 13 | Franklin Mining Co. | Benton | 2 | 3 | 11 | 4 | 2 | 3 | 190 | | 6 | 12 | 12 | |
| 14 | Old Ben Coal Corp., No. 14 | Buckner | 2 | 2 | | 10 | 3 | 10 | 150 | | 40 | 10 | 10 | |
| 15 | Peabody Coal Co., No. 18 | W. Frankfort. | 3 | 1 | | 19 | 18 | 6 | 13 | | 46 | 32 | 28 | |
| Total | | | 59 | 31 | 80 | 280 | 166 | 93 | 178 | 2027 | 799 | 288 | 274 | |
| SALINE COUNTY—ELEVENTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Peabody Coal Co., No. 47 | Harco | 9 | 1 | | 12 | 7 | 10 | 533 | | 56 | 17 | 17 | |
| 2 | Wasson Coal Co., No. 1 | Harrisburg | 4 | 2 | 18 | 7 | 4 | 7 | 360 | | 25 | 13 | 32 | |
| 3 | Sahara Coal Co., No. 1 | Harrisburg | 5 | 2 | 17 | 5 | 5 | 9 | 403 | | 24 | 24 | 20 | |
| 4 | Sahara Coal Co., No. 10 | Eldorado | 4 | 2 | 7 | 5 | 5 | 6 | 246 | | 28 | 11 | 11 | |
| 5 | Rex Coal Co., No. 2 | Eldorado | 2 | 1 | | 12 | 2 | 7 | 111 | | 37 | 10 | 10 | |
| 6 | Sahara Coal Co., No. 12 | Harrisburg | 3 | 2 | 8 | 4 | 2 | 6 | 249 | | 26 | 9 | 9 | |
| 7 | Sahara Coal Co., No. 3 | Harrisburg | 2 | 2 | | 6 | 3 | 7 | 265 | | 34 | 12 | 12 | |
| 8 | Blue Bird Coal Co. | Carrier Mills | | | | | | | | | | | | |
| Total | | | 29 | 12 | 50 | 51 | 2 | 28 | 52 | 2167 | 230 | 96 | 111 | |
| WHITE COUNTY—ELEVENTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Norris City Coal Mining Co., No. 1 | Norris City | 1 | 2 | 5 | 1 | 1 | 1 | 43 | | 1 | 3 | 3 | |

Continued.

| Underground. | | | | | | | | | | On surface. | | | | | | | | | | | | | | | | | | |
|----------------------|--------------|-----------------------|------------|------------|------------|-----------|-------------------------|--------------------|--------------|-------------|-----------------|-----------|--------|----------|--------------|-------------------------|------------------------|------------------|----------------|-----------|-----------|---------------------------|--------------------|-------------------|----------------------|---------|---|--|
| Pumpmen and pipemen. | Shot firers. | Shot firers' runners. | Sprangers. | Stablemen. | Timbermen. | Trackmen. | All others underground. | Total underground. | Blacksmiths. | Carpenters. | Engi- neers. | Hoisting. | Other. | Firemen. | Top foremen. | Machinists and helpers. | Picking table workers. | Superintendents. | Stablemen—top. | Watchmen. | Weighmen. | Office employees at mine. | Others on surface. | Total on surface. | Total—all employees. | Number. | | |
| 3 | 2 | 3 | 1 | 2 | 10 | 16 | 11 | 365 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 16 | 35 | 400 | 1 | | |
| 2 | 2 | 2 | 1 | 1 | 1 | 7 | 5 | 155 | 2 | 1 | 3 | 3 | 2 | 1 | 1 | 1 | 18 | 1 | 1 | 1 | 1 | 2 | 6 | 36 | 191 | 2 | | |
| 2 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 114 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 123 | 3 | | |
| 2 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 31 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 35 | 4 | | |
| 3 | 4 | 4 | 4 | 4 | 11 | 27 | 19 | 665 | 5 | 2 | 9 | 2 | 4 | 3 | 2 | 2 | 20 | 4 | 4 | 2 | 4 | 4 | 23 | 84 | 749 | | | |
| 2 | 2 | 1 | 1 | 12 | 14 | 14 | 171 | 171 | 2 | 2 | 1 | 3 | 3 | 7 | 1 | 1 | 20 | 1 | 1 | 1 | 1 | 3 | 5 | 48 | 219 | 1 | | |
| 2 | 2 | 1 | 1 | 1 | 4 | 1 | 92 | 92 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 12 | 104 | 2 | | |
| 2 | 2 | 1 | 1 | 1 | 1 | 1 | 36 | 36 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 41 | 3 | | |
| 2 | 2 | 1 | 1 | 13 | 19 | 15 | 299 | 299 | 4 | 3 | 5 | 3 | 9 | 1 | 1 | 1 | 22 | 1 | 1 | 1 | 3 | 4 | 8 | 65 | 364 | | | |
| 1 | 11 | 1 | 1 | 56 | 78 | 279 | 816 | 816 | 7 | 2 | 5 | 2 | 3 | 5 | 8 | 91 | 1 | 1 | 3 | 1 | 18 | 89 | 235 | 1,051 | 1 | | | |
| 1 | 8 | 6 | 1 | 33 | 62 | 13 | 786 | 786 | 4 | 5 | 5 | 1 | 5 | 1 | 9 | 37 | 1 | 1 | 3 | 2 | 2 | 66 | 141 | 927 | 2 | | | |
| 1 | 20 | 1 | 1 | 30 | 57 | 137 | 468 | 468 | 6 | 1 | 6 | 5 | 5 | 1 | 3 | 54 | 1 | 1 | 4 | 1 | 7 | 50 | 144 | 612 | 3 | | | |
| 2 | 54 | 1 | 1 | 32 | 38 | 75 | 449 | 449 | 6 | 4 | 4 | 3 | 3 | 1 | 6 | 8 | 1 | 2 | 1 | 3 | 28 | 67 | 516 | 4 | | | | |
| 2 | 7 | 7 | 1 | 15 | 33 | 206 | 430 | 430 | 2 | 7 | 4 | 2 | 2 | 2 | 1 | 19 | 2 | 2 | 2 | 4 | 2 | 7 | 62 | 115 | 545 | 5 | | |
| 1 | 36 | 3 | 1 | 12 | 21 | 236 | 416 | 416 | 1 | 4 | 4 | 1 | 5 | 1 | 3 | 22 | 1 | 1 | 3 | 2 | 4 | 39 | 90 | 506 | 6 | | | |
| 2 | 7 | 8 | 1 | 26 | 45 | 150 | 402 | 402 | 4 | 13 | 5 | 12 | 3 | 5 | 54 | 1 | 1 | 2 | 1 | 8 | 31 | 140 | 542 | 7 | | | | |
| 3 | 3 | 1 | 1 | 9 | 25 | 90 | 447 | 447 | 5 | 6 | 4 | 4 | 1 | 5 | 2 | 9 | 30 | 1 | 1 | 1 | 1 | 38 | 104 | 551 | 8 | | | |
| 1 | 6 | 5 | 1 | 10 | 21 | 53 | 496 | 496 | 4 | 4 | 4 | 1 | 6 | 2 | 1 | 15 | 3 | 1 | 1 | 2 | 31 | 75 | 571 | 9 | | | | |
| 1 | 4 | 4 | 1 | 18 | 20 | 43 | 506 | 506 | 4 | 1 | 4 | 4 | 7 | 1 | 1 | 23 | 1 | 1 | 1 | 3 | 6 | 20 | 73 | 579 | 10 | | | |
| 4 | 3 | 2 | 1 | 10 | 9 | 8 | 291 | 291 | 2 | 4 | 4 | 4 | 5 | 1 | 2 | 8 | 1 | 1 | 1 | 3 | 15 | 46 | 337 | 11 | | | | |
| 2 | 2 | 1 | 1 | 12 | 16 | 308 | 308 | 308 | 2 | 4 | 3 | 4 | 1 | 1 | 1 | 5 | 1 | 1 | 2 | 3 | 9 | 36 | 344 | 12 | | | | |
| 1 | 2 | 1 | 1 | 11 | 8 | 267 | 267 | 267 | 2 | 1 | 4 | 1 | 1 | 2 | 17 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 37 | 304 | 13 | | | |
| 1 | 6 | 8 | 1 | 22 | 97 | 371 | 371 | 371 | 1 | 4 | 4 | 2 | 2 | 1 | 1 | 22 | 1 | 3 | 2 | 3 | 38 | 84 | 455 | 14 | | | | |
| 1 | 6 | 31 | 32 | 219 | 455 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 3 | 57 | 1 | 2 | 1 | 4 | 27 | 112 | 567 | 15 | | | | |
| 21 | 156 | 50 | 313 | 487 | 1,606 | 6,908 | 53 | 65 | 64 | 15 | 69 | 24 | 54 | 462 | 9 | 11 | 31 | 23 | 73 | 546 | 1,499 | 8,407 | | | | | | |
| 2 | 6 | 3 | 8 | 28 | 41 | 750 | 6 | 9 | 4 | 8 | 1 | 2 | 11 | 1 | 9 | 1 | 1 | 2 | 5 | 28 | 85 | 835 | 1 | | | | | |
| 3 | 4 | 5 | 1 | 7 | 19 | 22 | 530 | 3 | 3 | 1 | 4 | 1 | 1 | 1 | 15 | 1 | 2 | 1 | 1 | 20 | 48 | 578 | 2 | | | | | |
| 1 | 3 | 3 | 1 | 5 | 20 | 24 | 574 | 3 | 2 | 3 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 7 | 1 | 32 | 73 | 647 | 3 | | | | |
| 1 | 3 | 4 | 1 | 4 | 16 | 21 | 375 | 2 | 4 | 3 | 3 | 1 | 2 | 10 | 1 | 1 | 1 | 1 | 4 | 1 | 2 | 20 | 53 | 428 | 4 | | | |
| 1 | 3 | 1 | 1 | 14 | 13 | 35 | 261 | 2 | 4 | 1 | 2 | 5 | 1 | 18 | 1 | 1 | 1 | 1 | 5 | 1 | 5 | 12 | 62 | 323 | 5 | | | |
| 1 | 2 | 4 | 1 | 1 | 13 | 5 | 344 | 2 | 3 | 3 | 3 | 3 | 1 | 1 | 16 | 1 | 1 | 1 | 1 | 1 | 14 | 52 | 396 | 6 | | | | |
| 4 | 2 | 4 | 1 | 1 | 16 | 10 | 386 | 3 | 5 | 3 | 1 | 3 | 1 | 1 | 13 | 1 | 1 | 1 | 1 | 1 | 8 | 46 | 426 | 7 | | | | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 12 | 25 | 24 | 2 | 40 | 125 | 158 | 3,214 | 22 | 30 | 21 | 14 | 31 | 8 | 11 | 105 | 7 | 4 | 40 | 7 | 20 | 199 | 519 | 3,733 | | | | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 65 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 14 | 79 | 1 | | | | |

TABLE 15—

| Number. | Name of operator. | Post office of mine. | Underground. | | | | | | | | | | | |
|-------------------------------------|--|----------------------|--------------|---------|----------|---------------------------|---------------------------------------|-----------------|-------------------------------|-----------------|--------------|--------------------------|------------------|------------------|
| | | | Bratticemen. | Cagers. | Drivers. | Electricians and helpers. | Mechanical loading machine operators. | Mine examiners. | Mine managers and assistants. | Machine miners. | Pick miners. | Motormen and assistants. | Machine helpers. | Machine runners. |
| WILLIAMSON COUNTY—TWELFTH DISTRICT. | | | | | | | | | | | | | | |
| 1 | Old Ben Coal Corp., No. 18..... | Johnston City | 2 | 2 | | 14 | | 4 | 11 | | | 58 | 27 | 27 |
| 2 | Consolidated Coal Co. of St. Louis, No. 7..... | Herrin | 3 | 2 | | 15 | 11 | 2 | 7 | 51 | | 52 | 14 | 15 |
| 3 | Seymour Coal Co..... | Herrin | 3 | 2 | 19 | 3 | 1 | 4 | 132 | 22 | | 8 | 13 | 13 |
| 4 | Franco Mining Corp., No. 1..... | Johnston City | 4 | 1 | | 8 | | 3 | 8 | 95 | 30 | 21 | 11 | 10 |
| 5 | Freeman Coal Mining Co..... | Herrin | 3 | 2 | 8 | 4 | 5 | 2 | 4 | 160 | | 16 | 6 | 6 |
| 6 | Carterville Peacock Coal Co..... | Harrisburg | | | | | | | | | | | | |
| 7 | Wallace Coal Co..... | Marion | | 1 | 4 | 1 | 2 | 1 | 1 | 2 | | 1 | 2 | |
| 8 | Blue Hill Coal Co..... | Marion | | 2 | 4 | 1 | | 1 | 1 | | 55 | 1 | 3 | 3 |
| 9 | Carbon Fuel Co..... | Marion | | | 2 | | | 1 | 1 | | 26 | | | |
| 10 | City Lake Coal Co..... | Herrin | | | 5 | | | 1 | | | 25 | | | |
| 11 | Forsyth Carterville Coal Co..... | Carterville | | | | | | | | | | | | |
| 12 | Consumers Coal & Materials Co..... | Marion | | | | | | | | | | | | |
| 13 | Spillertown Mining Co..... | Johnston City | | | 3 | | | 1 | 1 | 10 | | | 1 | 1 |
| 14 | New Watson Coal Co., No. 1..... | Herrin | | | 1 | | | 1 | | | 12 | | | |
| 15 | Puritan Coal Co., No. 1..... | Johnston City | | | 2 | | | 1 | 2 | 7 | | | 1 | 1 |
| 16 | Carterville Mining & Engineering Co., No. 1..... | Cambria | | | | | | | | | | | | |
| 17 | Rodney Coal Co..... | Herrin | | | 1 | | | | 1 | | 10 | | | |
| 18 | M. H. Radford..... | Marion | | | | | | | | | | | | |
| Total..... | | | 15 | 12 | 49 | 46 | 19 | 19 | 41 | 457 | 180 | 157 | 78 | 76 |

Concluded.

| Underground. | | | | | | | | On surface. | | | | | | | | | | | | | | | | | |
|----------------------|--------------|-----------------------|------------|------------|------------|-----------|-------------------------|--------------------|--------------|-------------|-----------------|--------|----------|--------------|-------------------------|------------------------|------------------|----------------|-----------|-----------|---------------------------|--------------------|-------------------|----------------------|---------|
| Pumpmen and pipemen. | Shot firers. | Shot firers' runners. | Spraggers. | Stablemen. | Timbermen. | Trackmen. | All others underground. | Total underground. | Blacksmiths. | Carpenters. | Engi- neers. | | Firemen. | Top foremen. | Machinists and helpers. | Picking table workers. | Superintendents. | Stablemen—top. | Watchmen. | Weighmen. | Office employees at mine. | Others on surface. | Total on surface. | Total—all employees. | Number. |
| | | | | | | | | | | | Hoisting. | Other. | | | | | | | | | | | | | |
| 8 | | | 3 | | 22 | 30 | 262 | 470 | 1 | 3 | 4 | 2 | 2 | 2 | | 25 | | 1 | 3 | 2 | 3 | 33 | 81 | 551 | |
| 3 | 5 | | | | 12 | 17 | 102 | 313 | 3 | 4 | 4 | | 4 | 2 | 2 | 46 | 1 | | | 2 | 6 | 25 | 100 | 413 | 2 |
| 3 | 3 | | | | 5 | 8 | | 241 | 2 | 5 | 4 | | 3 | 1 | 1 | 19 | 1 | 1 | 1 | 3 | 9 | 52 | 293 | 3 | |
| 5 | 2 | | | | 13 | 12 | 24 | 249 | 3 | 4 | 4 | 1 | 6 | 1 | 2 | 10 | 1 | 1 | 1 | 1 | 2 | 15 | 51 | 300 | 4 |
| 1 | | | | | 13 | 8 | | 242 | 2 | 1 | 4 | | 1 | 1 | | 18 | 1 | 1 | | 2 | 3 | 34 | 276 | 5 | |
| 1 | 2 | | | 1 | 2 | 1 | 6 | 28 | 1 | | 1 | 5 | | 1 | 3 | 4 | 1 | | | | 1 | 39 | 39 | 6 | |
| 1 | 4 | 1 | | | | 3 | | 80 | 1 | 1 | 3 | | 1 | 1 | | 2 | 1 | 1 | | 1 | 3 | 9 | 37 | 7 | |
| 1 | | | | 1 | 1 | 1 | | 33 | 1 | | 1 | | 1 | | | 3 | 1 | | | | 5 | 15 | 95 | 8 | |
| 1 | 2 | | | | | | | 35 | 1 | | 1 | | | | | 1 | 1 | 1 | | | | 4 | 37 | 9 | |
| | | | | | | | | | 1 | 1 | | | 4 | 1 | | 3 | 1 | 1 | | | | 5 | 40 | 10 | |
| | | | | | | | | 17 | | | 1 | | 1 | | | | 1 | | 1 | 1 | | 9 | 12 | 12 | |
| 1 | | | | | | | | 15 | 1 | | 1 | | 1 | | 1 | | | | | | | 3 | 20 | 13 | |
| | | | | | | | | 14 | | | 1 | | | | | 1 | | | | | | 3 | 18 | 14 | |
| | | | | | | | | | | | | | | | | | | | | | | 2 | 16 | 15 | |
| | | | | | | | | | | | 3 | 1 | | | | | 1 | 2 | | | | 9 | 16 | 16 | |
| | 1 | | | | | | | 13 | | | 1 | | | | | | 1 | | | | | 1 | 14 | 17 | |
| | | | | | | | | | | | | | | | | | 1 | | | | 2 | 3 | 3 | 18 | |
| 25 | 21 | 1 | 10 | 2 | 68 | 80 | 394 | 1,750 | 19 | 22 | 34 | 9 | 21 | 11 | 9 | 132 | 12 | 5 | 12 | 12 | 19 | 158 | 475 | 2,225 | |

MINE EMPLOYEES BY DISTRICTS.

| Underground. | | | On surface. | | | | | | | | | | | | | | | | | Total—All employees. | District. |
|--------------|-------------------------|--------------------|--------------|-------------|-------------|--------|----------|--------------|-------------------------|------------------------|------------------|----------------|-----------|-----------|---------------------------|--------------------|-------------------|--------|-------|----------------------|-----------|
| Trackmen. | All others underground. | Total underground. | Blacksmiths. | Carpenters. | Engi-neers. | | Firemen. | Top foremen. | Machinists and helpers. | Picking table workers. | Superintendents. | Stablemen—top. | Watchmen. | Weighmen. | Office employees at mine. | Others on surface. | Total on surface. | | | | |
| | | | | | Hoisting. | Other. | | | | | | | | | | | | | | | |
| 7 | 18 | 920 | 17 | 5 | 8 | 36 | 1 | 8 | 4 | 39 | 4 | 1 | 10 | 8 | 20 | 329 | 490 | 1,410 | 1 | | |
| 51 | 41 | 1,712 | 14 | 8 | 6 | 2 | 2 | 9 | 2 | 5 | 7 | 6 | 8 | 8 | 19 | 40 | 142 | 1,854 | 2 | | |
| 30 | 15 | 1,029 | 15 | 2 | 18 | 18 | 3 | 14 | 4 | 32 | 12 | 1 | 9 | 7 | 16 | 298 | 449 | 1,478 | 3 | | |
| 232 | 856 | 4,813 | 37 | 22 | 53 | 8 | 19 | 14 | 16 | 309 | 15 | 3 | 50 | 25 | 62 | 284 | 917 | 5,730 | 4 | | |
| 106 | 255 | 2,285 | 19 | 4 | 16 | 7 | 14 | 4 | 2 | 23 | 6 | --- | 5 | 6 | 23 | 171 | 300 | 2,585 | 5 | | |
| 248 | 685 | 3,742 | 28 | 17 | 38 | 2 | 45 | 11 | 2 | 127 | 4 | 1 | 8 | 17 | 14 | 173 | 493 | 4,235 | 6 | | |
| 95 | 344 | 1,931 | 26 | 12 | 28 | --- | 28 | 7 | 2 | 91 | 2 | --- | 9 | 11 | 20 | 96 | 344 | 2,275 | 7 | | |
| 118 | 183 | 2,552 | 28 | 11 | 45 | 4 | 28 | 10 | 3 | 93 | 8 | --- | 1 | 11 | 25 | 27 | 119 | 415 | 2,967 | 8 | |
| 114 | 90 | 2,575 | 38 | 15 | 57 | 34 | 37 | 20 | 27 | 279 | 18 | 2 | 23 | 16 | 43 | 781 | 1,390 | 3,965 | 9 | | |
| 487 | 1,606 | 6,908 | 53 | 65 | 64 | 15 | 69 | 24 | 54 | 462 | 9 | 11 | 31 | 23 | 73 | 546 | 1,499 | 8,407 | 10 | | |
| 126 | 158 | 3,279 | 23 | 30 | 24 | 14 | 32 | 8 | 11 | 108 | 7 | 5 | 40 | 8 | 22 | 201 | 533 | 3,812 | 11 | | |
| 80 | 394 | 1,750 | 19 | 22 | 34 | 9 | 21 | 11 | 9 | 132 | 12 | 5 | 12 | 12 | 19 | 158 | 475 | 2,225 | 12 | | |
| 1,694 | 4,651 | 33,496 | 317 | 213 | 391 | 149 | 299 | 140 | 156 | 1,700 | 110 | 36 | 216 | 166 | 358 | 3,196 | 7,447 | 40,943 | | | |

TABLE 17—OUTPUT OF SHIPPING MINES BY MONTHS—1929-1934.

| Month. | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 |
|-----------------|------------|------------|------------|------------|------------|------------|
| January | 7,001,027 | 6,560,159 | 4,910,869 | 3,838,402 | 3,335,862 | 4,106,319 |
| February | 6,459,158 | 4,784,623 | 3,810,167 | 4,179,951 | 3,549,192 | 3,917,258 |
| March | 4,309,056 | 4,133,842 | 4,297,523 | 5,983,823 | 3,145,171 | 4,234,877 |
| April | 3,560,116 | 3,674,352 | 3,040,068 | 363,773 | 2,078,449 | 2,342,935 |
| May | 3,810,298 | 3,354,981 | 2,973,862 | 526,696 | 2,036,464 | 2,112,730 |
| June | 3,413,621 | 3,033,048 | 2,775,193 | 603,344 | 2,059,674 | 2,125,718 |
| July | 3,785,845 | 3,274,699 | 2,816,435 | 754,864 | 2,383,220 | 2,274,176 |
| August | 4,398,106 | 3,716,651 | 3,336,309 | 1,676,136 | 2,791,977 | 2,755,409 |
| September | 4,766,916 | 3,977,358 | 3,384,003 | 2,404,392 | 2,888,181 | 3,219,010 |
| October | 5,716,839 | 5,251,276 | 4,059,961 | 3,338,466 | 3,657,337 | 3,622,931 |
| November | 5,412,011 | 4,787,969 | 3,530,227 | 3,623,977 | 3,611,034 | 3,501,698 |
| December | 6,443,002 | 5,427,650 | 4,138,441 | 4,108,575 | 3,854,116 | 4,442,466 |
| Total | 59,075,995 | 51,996,608 | 43,073,058 | 31,402,399 | 35,390,677 | 38,655,527 |

TABLE 18—NUMBER OF MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1929-1934.

| Month. | 1929 | | 1930 | | 1931 | | 1932 | | 1933 | | 1934 | |
|---------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| | Mines. | Days. | Mines. | Days. | Mines. | Days. | Mines. | Days. | Mines. | Days. | Mines. | Days. |
| January | 184 | 21 | 171 | 20 | 158 | 16 | 137 | 15 | 136 | 15 | 152 | 18 |
| February | 184 | 19 | 166 | 14 | 148 | 13 | 136 | 15 | 138 | 16 | 152 | 17 |
| March | 183 | 14 | 157 | 13 | 139 | 16 | 137 | 20 | 136 | 13 | 153 | 17 |
| April | 149 | 13 | 142 | 13 | 134 | 11 | 38 | 9 | 124 | 10 | 139 | 10 |
| May | 145 | 14 | 134 | 12 | 121 | 12 | 39 | 10 | 106 | 11 | 125 | 10 |
| June | 143 | 13 | 128 | 12 | 118 | 12 | 39 | 10 | 104 | 10 | 116 | 11 |
| July | 144 | 14 | 140 | 12 | 114 | 12 | 50 | 10 | 109 | 11 | 119 | 12 |
| August | 157 | 15 | 143 | 13 | 121 | 13 | 86 | 10 | 122 | 13 | 135 | 13 |
| September | 171 | 16 | 152 | 14 | 131 | 13 | 77 | 15 | 129 | 13 | 154 | 15 |
| October | 176 | 18 | 157 | 18 | 140 | 16 | 121 | 17 | 140 | 16 | 163 | 15 |
| November | 178 | 17 | 162 | 16 | 143 | 14 | 136 | 17 | 142 | 15 | 161 | 16 |
| December | 176 | 20 | 165 | 17 | 147 | 16 | 144 | 18 | 147 | 16 | 158 | 19 |
| Total and average.. | 200 | a162 | 185 | a145 | 167 | a130 | 162 | a107 | 159 | a131 | 172 | a147 |

(a) Average.

TABLE 19 — SHIPPING MINES — NUMBER OPERATED, TONS PRODUCED, AVERAGE DAYS WORKED, AND NUMBER EMPLOYED IN 1934 AND 1933, AND GAIN OR LOSS BY COUNTIES.

| County. | 1934. | | | | 1933. | | | | Gain (+) or loss (—). | | | | Per cent of gain (+) or loss (—). | | | |
|-----------------|-----------------|----------------|----------------------|---------------|-----------------|----------------|----------------------|---------------|-----------------------|------------|-------|------|-----------------------------------|--------|-------|-------|
| | Mines operated. | Tons produced. | Average days worked. | Men employed. | Mines operated. | Tons produced. | Average days worked. | Men employed. | Mines. | Tons. | Days. | Men. | Mines. | Tons. | Days. | Men. |
| Bond..... | 1 | 28,612 | 58 | 163 | | | | | +1 | +28,612 | +58 | +163 | | | | |
| Christian..... | 6 | 3,860,706 | 189 | 2,445 | 6 | 3,836,292 | 188 | 2,405 | | +24,414 | +1 | +40 | | +0.6 | +0.5 | +1.7 |
| Clinton..... | 3 | 284,250 | 185 | 471 | 3 | 212,224 | 138 | 363 | | +72,026 | +47 | +108 | | +33.9 | +34.1 | +29.8 |
| Franklin..... | 15 | 7,780,162 | 130 | 8,407 | 14 | 6,703,883 | 115 | 7,900 | +1 | +1,076,279 | +15 | +302 | | +7.1 | +16.1 | +13.0 |
| Fulton..... | 14 | 1,526,408 | 172 | 1,183 | 6 | 994,505 | 125 | 881 | +8 | +531,903 | +47 | +302 | | +133.3 | +53.5 | +37.6 |
| Henry..... | 2 | 539,617 | 215 | 258 | 2 | 642,262 | 227 | 245 | | -82,645 | -12 | +13 | | -12.9 | -5.3 | +5.3 |
| Jackson..... | 4 | 1,479,068 | 133 | 828 | 5 | 1,179,090 | 133 | 819 | -1 | +299,978 | +20 | +9 | | -20.0 | +25.4 | +15.0 |
| Knox..... | 1 | 311,751 | 225 | 293 | 1 | 295,536 | 194 | 305 | | +16,215 | +31 | +10 | | +5.5 | +16.0 | -3.1 |
| LaSalle..... | 3 | 189,807 | 152 | 445 | 2 | 198,290 | 207 | 427 | +1 | -8,483 | -55 | +18 | | +50.0 | -4.3 | -26.6 |
| Logan..... | 1 | 164,401 | 232 | 332 | 1 | 128,122 | 236 | 275 | | +28,122 | -36 | +275 | | +12.9 | -0.9 | +30.2 |
| Macon..... | 8 | 3,361,771 | 171 | 3,368 | 7 | 3,040,290 | 163 | 3,157 | +1 | +321,481 | -2 | +77 | | +14.3 | +10.6 | +4.9 |
| Madison..... | 7 | 1,342,513 | 139 | 1,662 | 8 | 1,154,020 | 126 | 1,811 | -1 | +188,493 | +13 | +149 | | -13.0 | +16.3 | +10.3 |
| Marion..... | 2 | 292,762 | 114 | 450 | 2 | 395,255 | 170 | 439 | | -102,493 | +59 | +11 | | -25.9 | -32.9 | +2.5 |
| Montgomery..... | 2 | 549,971 | 177 | 796 | 3 | 659,084 | 135 | 1,234 | -1 | -109,413 | +42 | +58 | | -33.3 | -16.6 | +31.1 |
| Peoria..... | 4 | 1,253,164 | 189 | 1,243 | 4 | 1,158,579 | 186 | 1,207 | | +94,585 | +16 | +36 | | +17.6 | +15.7 | +6.2 |
| Perry..... | 20 | 3,019,772 | 118 | 2,024 | 16 | 2,580,392 | 102 | 1,905 | +4 | +439,380 | +42 | +33 | | +25.0 | +17.9 | +8.2 |
| Putnam..... | 1 | 80,913 | 92 | 436 | 1 | 68,953 | 85 | 403 | | +11,960 | +7 | +77 | | +22.1 | +35.3 | -9.3 |
| Randolph..... | 4 | 435,196 | 118 | 749 | 4 | 356,552 | 76 | 826 | | +78,644 | +42 | +77 | | +8.9 | +13.1 | -3.1 |
| Saline..... | 8 | 2,700,687 | 147 | 3,783 | 8 | 2,479,670 | 130 | 3,854 | | +221,017 | +17 | +121 | | +13.1 | -4.7 | +3.2 |
| Sangamon..... | 10 | 2,193,923 | 143 | 3,285 | 10 | 1,942,248 | 150 | 3,184 | | +253,675 | +7 | +101 | | +13.1 | -4.7 | +3.2 |
| Shelby..... | 1 | 10,362 | 64 | 71 | | | | | +1 | +10,362 | +64 | +71 | | -4.3 | -0.7 | +21.4 |
| St. Clair..... | 22 | 2,043,764 | 142 | 2,406 | 23 | 2,057,754 | 117 | 2,424 | | -13,990 | +25 | +72 | | -3.0 | -5.0 | +11.1 |
| Tazewell..... | 2 | 212,515 | 189 | 2,570 | 2 | 219,069 | 199 | 243 | | -6,554 | -10 | +27 | | -20.0 | -6.2 | +2.2 |
| Vermilion..... | 6 | 1,675,004 | 138 | 2,533 | 5 | 1,785,515 | 135 | 2,384 | +1 | -109,911 | +3 | +131 | | +50.0 | +22.5 | +11.0 |
| Washington..... | 3 | 315,909 | 133 | 364 | 2 | 257,805 | 133 | 338 | +1 | +58,104 | +26 | +16 | | +17.1 | +28.9 | +16.8 |
| White..... | 1 | 31,006 | 116 | 79 | 1 | 26,483 | 90 | 95 | | +4,523 | +3 | +38 | | -3.6 | +5.2 | +16.3 |
| Will..... | 1 | 946,801 | 283 | 271 | 1 | 982,016 | 269 | 233 | | -35,215 | +14 | +4 | | +0.4 | +31.2 | -17.7 |
| Williamson..... | 18 | 1,899,152 | 143 | 2,225 | 19 | 1,892,183 | 109 | 2,703 | -1 | +6,969 | +34 | +80 | | +5.3 | +4.6 | +2.4 |
| Woodford..... | 2 | 103,260 | 160 | 341 | 2 | 98,082 | 153 | 333 | | +5,178 | +7 | +8 | | +8.2 | +9.2 | +12.2 |
| Total..... | 172 | 38,655,527 | 147 | 40,943 | 159 | 35,390,677 | 131 | 40,660 | +13 | +3,264,850 | +16 | +283 | | +8.2 | +9.2 | +12.2 |

TABLE 20—RELATIVE RANK OF COUNTIES, PRODUCING 500,000 TONS OR MORE, 1934-1930.

| County. | 1934 | | 1933 | | 1932 | | 1931 | | 1930 | |
|-----------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|------------|
| | Rank. | Tons. | Rank. | Tons. | Rank. | Tons. | Rank. | Tons. | Rank. | Tons. |
| Franklin..... | 1 | 7,780,162 | 1 | 6,703,883 | 1 | 7,064,359 | 1 | 9,531,560 | 1 | 11,997,347 |
| Christian..... | 2 | 3,860,706 | 2 | 3,836,292 | 5 | 1,835,286 | 5 | 2,987,378 | 6 | 3,635,976 |
| Macoupin..... | 3 | 3,361,771 | 3 | 3,040,290 | 4 | 1,930,406 | 2 | 3,992,552 | 2 | 4,646,527 |
| Perry..... | 4 | 3,019,772 | 4 | 2,580,392 | 2 | 3,065,944 | 4 | 2,990,440 | 7 | 3,309,648 |
| Saline..... | 5 | 2,700,687 | 5 | 2,479,670 | 3 | 2,401,303 | 6 | 2,973,465 | 5 | 3,670,144 |
| Sangamon..... | 6 | 2,195,923 | 7 | 1,942,248 | 9 | 1,667,479 | 3 | 3,352,211 | 4 | 3,700,419 |
| St. Clair..... | 7 | 2,043,764 | 6 | 2,057,754 | 6 | 1,812,940 | 7 | 2,778,643 | 9 | 2,447,784 |
| Williamson..... | 8 | 1,899,152 | 8 | 1,892,183 | 7 | 1,807,728 | 9 | 2,165,819 | 3 | 4,107,573 |
| Vermilion..... | 9 | 1,675,604 | 9 | 1,785,515 | 8 | 1,674,828 | 8 | 2,540,023 | 8 | 2,930,924 |
| Fulton..... | 10 | 1,526,408 | 13 | 994,505 | 11 | 1,116,524 | 11 | 1,398,993 | 12 | 1,634,772 |
| Jackson..... | 11 | 1,479,068 | 10 | 1,179,090 | 10 | 1,336,968 | 10 | 1,938,141 | 11 | 2,054,836 |
| Madison..... | 12 | 1,342,513 | 12 | 1,154,020 | 13 | 909,595 | 14 | 1,157,124 | 10 | 2,229,592 |
| Peoria..... | 13 | 1,253,164 | 11 | 1,158,579 | 16 | 512,250 | 13 | 1,214,567 | 14 | 967,745 |
| Will..... | 14 | 946,801 | 14 | 982,016 | 12 | 976,178 | 15 | 988,500 | 15 | 865,666 |
| Henry..... | 15 | 559,617 | 16 | 642,262 | 14 | 655,055 | 16 | 775,956 | 17 | 504,761 |
| Montgomery..... | 16 | 549,671 | 15 | 659,084 | 15 | 626,674 | 12 | 1,255,432 | 13 | 1,599,246 |
| Washington..... | 17 | 315,909 | 19 | 257,805 | 18 | 333,827 | 18 | 384,350 | 16 | 531,304 |

TABLE 21—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED AND NUMBER EMPLOYED IN ALL SHIPPING MINES, AND ALSO IN STRIP MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1934.

| Years. | All shipping mines. | | | | Strip mines. | | | | Percentage of strip mines. | | |
|------------|---------------------|--------|----------------------|----------------|--------------|-------|----------------------|----------------|----------------------------|------|-------|
| | Number of— | | Average days worked. | Tons produced. | Number of— | | Average days worked. | Tons produced. | Mines | Men. | Tons. |
| | Mines. | Men. | | | Mines. | Men. | | | | | |
| 1920..... | 373 | 85,037 | 176 | 72,409,610 | 3 | 217 | 149 | 367,009 | 0.08 | 0.25 | 0.57 |
| 1921..... | 389 | 92,080 | 174 | 78,339,082 | 3 | 242 | 183 | 437,006 | 0.08 | 0.26 | 0.56 |
| 1922..... | 352 | 93,681 | 127 | 61,406,093 | 5 | 446 | 134 | 533,923 | 1.42 | 0.48 | 0.87 |
| 1923..... | 374 | 99,081 | 146 | 73,410,837 | 6 | 412 | 180 | 595,608 | 1.60 | 0.42 | 1.22 |
| 1924..... | 338 | 95,499 | 139 | 70,324,363 | 11 | 611 | 155 | 1,184,288 | 3.25 | 0.64 | 1.68 |
| 1925*..... | 255 | 77,629 | 231 | 100,012,299 | 18 | 1,181 | 264 | 4,722,597 | 7.06 | 1.52 | 4.72 |
| 1926..... | 244 | 73,497 | 155 | 67,836,441 | 16 | 1,203 | 176 | 3,482,611 | 6.56 | 1.64 | 5.13 |
| 1927..... | 241 | 74,117 | 112 | 44,926,433 | 15 | 1,139 | 138 | 2,756,410 | 6.22 | 1.54 | 6.14 |
| 1928..... | 206 | 61,154 | 152 | 54,284,184 | 14 | 1,149 | 206 | 4,113,908 | 6.80 | 1.88 | 7.58 |
| 1929..... | 200 | 54,721 | 162 | 59,075,995 | 17 | 1,518 | 176 | 5,250,501 | 8.50 | 2.77 | 8.89 |
| 1930..... | 185 | 51,215 | 145 | 51,996,608 | 15 | 1,519 | 181 | 6,220,336 | 8.11 | 2.97 | 11.96 |
| 1931..... | 167 | 47,024 | 130 | 43,073,058 | 15 | 1,591 | 164 | 6,576,677 | 8.92 | 3.38 | 15.27 |
| 1932..... | 162 | 44,078 | 107 | 31,402,399 | 17 | 1,769 | 163 | 6,628,228 | 10.50 | 4.00 | 21.11 |
| 1933..... | 159 | 40,660 | 131 | 35,390,677 | 20 | 1,890 | 131 | 5,599,006 | 12.58 | 4.65 | 15.82 |
| 1934..... | 172 | 40,943 | 147 | 38,655,527 | 26 | 2,042 | 134 | 6,008,218 | 15.12 | 4.99 | 15.54 |

* From July 1, 1924 to December 31, 1925.

TABLE 22—SHIPPING MINES DIVIDING WORKING TIME.

| Name of operator. | County in which mine is located. | Employees. | | Tons mined. | Days worked. |
|---|----------------------------------|------------|-------------|-------------|--------------|
| | | Working. | On payroll. | | |
| Canton Coal Co..... | Fulton..... | 153 | 284 | 35,905 | 46 |
| Carterville Mining & Engineering Co..... | Williamson..... | 13 | 16 | 3,513 | 58 |
| Consolidated Coal Co. of St. Louis, No. 7..... | Williamson..... | 330 | 413 | 440,637 | 135 |
| Consolidated Coal Co. of St. Louis, No. 15..... | Macoupin..... | 399 | 565 | 789,442 | 205 |
| Coulterville Coal Co..... | Perry..... | 133 | 187 | 127,970 | 193 |
| Franco Mining Corp..... | Williamson..... | 265 | 300 | 241,387 | 159 |
| Franklin County Coal Co., Inc., No. 5..... | Franklin..... | 568 | 571 | 391,819 | 129 |
| Franklin County Coal Co., Inc., No. 7..... | Franklin..... | 451 | 551 | 519,446 | 180 |
| Gillespie Coal Co..... | Macoupin..... | 185 | 218 | 318,866 | 269 |
| Hillsboro Coal Co..... | Montgomery..... | 164 | 231 | 190,759 | 208 |
| Illmo Coal Co..... | Randolph..... | 31 | 35 | 21,063 | 195 |
| Indiana & Illinois Coal Corp., No. 10..... | Montgomery..... | 364 | 565 | 358,912 | 145 |
| The Livingston & Mt. Olive Coal Co., No. 1..... | Madison..... | 217 | 349 | 180,524 | 142 |
| Lumaghi Coal Co., No. 2..... | Madison..... | 279 | 366 | 373,006 | 205 |
| Marion County Coal Co..... | Marion..... | 249 | 253 | 241,578 | 143 |
| Midland Electric Coal Corp., No. 1..... | Henry..... | 101 | 120 | 489,968 | 279 |
| Mt. Olive & Staunton Coal Co., No. 2..... | Madison..... | 367 | 550 | 584,226 | 225 |
| Pana Coal Co., No. 1..... | Christian..... | 137 | 192 | 127,182 | 179 |
| Panther Creek Mines, Inc., No. 4..... | Sangamon..... | 412 | 416 | 260,979 | 150 |
| Peabody Coal Co., No. 8..... | Christian..... | 515 | 535 | 864,806 | 221 |
| Peabody Coal Co., No. 18..... | Franklin..... | 466 | 567 | 61,868 | 40 |
| Peabody Coal Co., No. 19..... | Franklin..... | 545 | 579 | 374,398 | 139 |
| Peabody Coal Co., No. 47..... | Saline..... | 767 | 835 | 447,406 | 125 |
| Peabody Coal Co., No. 53..... | Sangamon..... | 319 | 327 | 238,242 | 129 |
| Peabody Coal Co., No. 59..... | Sangamon..... | 347 | 358 | 308,010 | 156 |
| Penwell Coal Mining Co..... | Christian..... | 177 | 301 | 78,339 | 44 |
| Perry Coal Co., "Carbon"..... | St. Clair..... | 87 | 111 | 83,067 | 144 |
| Perry Coal Co., "St. Ellen"..... | St. Clair..... | 190 | 235 | 370,692 | 267 |
| St. Louis Coal Co..... | Randolph..... | 155 | 199 | 127,470 | 116 |
| Superior Coal Co., No. 1..... | Macoupin..... | 447 | 565 | 662,606 | 224 |
| Superior Coal Co., No. 2..... | Macoupin..... | 472 | 645 | 726,125 | 235 |
| Superior Coal Co., No. 3..... | Macoupin..... | 480 | 685 | 721,033 | 228 |
| Superior Coal Co., No. 4..... | Macoupin..... | 249 | 339 | 76,684 | 61 |
| United States Fuel Co., "Bun"..... | Vermilion..... | 1,154 | 1,581 | 1,009,404 | 180 |
| Winkle Coal Co..... | Perry..... | 52 | 95 | 19,676 | 87 |
| Total 1934, 35 mines..... | | 11,240 | 14,139 | 11,867,008 | 161 |
| Total 1933, 28 mines..... | | 8,129 | 11,287 | 8,121,445 | 137 |

(a) Average.

TABLE 23—GRADED OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS, AND LOCAL MINES FOR THE STATE.

| County. | Classification of output of mines in tons. | | | | | | | | | | |
|-----------------------------|--|-----------|------------|---------|-----------|-----------|---------|-------------|-----------|------------------------------|-----------|
| | Lump. | Furnace. | Small egg. | Stove. | Chestnut. | Pea coal. | Carbon. | Screenings. | Mine run. | Waste and loss in preparing. | Total. |
| First District totals..... | 207,968 | 231,291 | 276,076 | 73,398 | 141,355 | 35,160 | 2,098 | 629,185 | 164,384 | 16,223 | 1,777,138 |
| Henry..... | 31,139 | 31,127 | 152,705 | 66,217 | 36,848 | 1,645 | 2,098 | 207,719 | 24,898 | 5,221 | 559,617 |
| LaSalle..... | 49,932 | 27,224 | 152,705 | 2,187 | 5,592 | --- | --- | 38,026 | 65,960 | 886 | 189,807 |
| Pulnam..... | 33,862 | 19,307 | --- | --- | --- | --- | --- | 17,628 | --- | 10,116 | 80,913 |
| Will..... | 93,035 | 153,633 | 123,371 | 4,994 | 98,915 | 33,515 | --- | 365,812 | 73,526 | --- | 946,801 |
| Second District totals..... | 263,749 | 141,203 | 13,086 | 11,534 | --- | 729 | --- | 250,518 | 886,008 | 2,112 | 1,568,939 |
| Peoria..... | 137,465 | 115,959 | 10,814 | 333 | --- | --- | --- | 113,686 | 872,895 | 1,962 | 1,253,164 |
| Tazewell..... | 73,124 | 8,769 | --- | 3,376 | --- | --- | --- | 114,457 | 12,639 | 150 | 212,515 |
| Woodford..... | 53,160 | 16,475 | 2,272 | 7,775 | --- | 729 | --- | 22,375 | 474 | --- | 103,260 |
| Third District totals..... | 189,758 | 334,944 | 346,596 | 88,028 | 22,016 | 6,474 | 19,038 | 556,445 | 257,579 | 17,281 | 1,838,159 |
| Fulton..... | 151,534 | 262,364 | 346,596 | 88,028 | 22,016 | 6,474 | 19,038 | 507,894 | 107,673 | 14,791 | 1,526,408 |
| Knox..... | 38,224 | 72,580 | --- | --- | --- | --- | --- | 48,551 | 149,906 | 2,490 | 311,751 |
| Fourth District totals..... | 804,660 | 1,478,253 | 418,831 | 153,553 | 31,220 | 19,494 | 26,337 | 2,796,533 | 311,937 | 15,811 | 6,056,029 |
| Christian..... | 428,894 | 915,692 | 370,625 | 4,541 | --- | 2,355 | --- | 2,010,273 | 126,426 | 1,900 | 3,860,706 |
| Sangamon..... | 375,766 | 562,561 | 48,206 | 149,012 | 31,220 | 17,139 | 26,337 | 786,260 | 185,511 | 13,911 | 2,195,923 |
| Fifth District totals..... | 357,619 | 181,657 | 98,980 | 626 | 6,471 | --- | --- | 601,253 | 593,021 | 378 | 1,840,005 |
| Macon..... | 56,709 | 45,637 | 3,641 | --- | --- | --- | --- | 34,476 | 17,239 | 228 | 164,401 |
| Vermilion..... | 300,910 | 136,020 | 95,339 | 626 | 6,471 | --- | --- | 566,777 | 575,782 | 150 | 1,675,604 |
| Sixth District totals..... | 2,122,627 | 323,973 | 79,589 | 61,796 | 32,266 | 31,691 | 52,283 | 843,271 | 331,267 | 43,041 | 3,921,804 |
| Macoupin..... | 1,999,471 | 241,358 | 15,038 | 1,990 | 32,266 | 31,268 | 52,283 | 639,885 | 315,096 | 33,166 | 3,361,771 |
| Montgomery..... | 119,702 | 82,615 | 64,551 | 56,352 | --- | 423 | --- | 199,982 | 16,171 | 9,875 | 549,671 |
| Shelby..... | 3,454 | --- | --- | 3,454 | --- | --- | --- | 3,454 | --- | --- | 10,362 |

| | | | | | | | | | | | |
|-------------------------------|-----------|-----------|-----------|-----------|---------|---------|---------|------------|-----------|---------|------------|
| Seventh District totals..... | 286,838 | 362,356 | 206,689 | 33,358 | 25,395 | 11,932 | 40,685 | 612,522 | 66,955 | 17,157 | 1,663,887 |
| Bond..... | 8,584 | 8,006 | | | | | | 11,445 | | 577 | 28,612 |
| Madison..... | 233,192 | 296,687 | 179,227 | 29,775 | 25,395 | 11,932 | 40,685 | 485,505 | 32,952 | 7,133 | 1,342,513 |
| Marion..... | 45,062 | 57,663 | 27,462 | 3,583 | | | | 115,572 | 33,973 | 9,447 | 292,762 |
| Eighth District totals..... | 599,011 | 410,326 | 107,388 | 103,691 | 19,772 | 13,713 | 8,505 | 796,988 | 246,840 | 21,780 | 2,328,014 |
| Clinton..... | 96,611 | 45,769 | 25,498 | 7,609 | | | | 96,894 | 5,034 | 6,775 | 284,250 |
| St. Clair..... | 502,400 | 364,557 | 81,890 | 96,022 | 19,772 | 13,713 | 8,505 | 700,094 | 241,806 | 15,005 | 2,043,764 |
| Ninth District totals..... | 617,331 | 659,619 | 399,721 | 268,981 | 50,498 | 33,342 | 38,646 | 1,463,834 | 1,659,948 | 58,025 | 5,249,945 |
| Jackson..... | 160,146 | 230,621 | 96,159 | 172,703 | 23,068 | | 8,512 | 643,728 | 128,447 | 13,965 | 1,479,068 |
| Perry..... | 363,377 | 363,251 | 286,400 | 79,965 | 12,449 | 11,446 | 18,240 | 710,930 | 1,138,818 | 34,896 | 3,019,772 |
| Randolph..... | 54,749 | 38,349 | 17,162 | 8,192 | 13,781 | 17,277 | 11,894 | 236,755 | 236,755 | 7,968 | 435,196 |
| Washington..... | 39,059 | 27,398 | | 8,121 | 1,200 | 2,900 | | 80,107 | 155,928 | 1,196 | 315,909 |
| Tenth District totals..... | 999,604 | 1,404,093 | 781,297 | 350,489 | 265,119 | 105,048 | 592,676 | 2,798,194 | 225,316 | 258,326 | 7,780,162 |
| Franklin..... | 999,604 | 1,404,093 | 781,297 | 350,489 | 265,119 | 105,048 | 592,676 | 2,798,194 | 225,316 | 258,326 | 7,780,162 |
| Eleventh District totals..... | 397,450 | 485,867 | 385,716 | 137,110 | 102,806 | 40,829 | 66,085 | 839,751 | 247,494 | 28,585 | 2,731,693 |
| Saline..... | 388,100 | 484,508 | 385,716 | 131,499 | 102,806 | 40,416 | 66,085 | 826,399 | 247,494 | 27,664 | 2,700,687 |
| White..... | 9,350 | 1,359 | | 5,611 | | 413 | | 13,352 | | 921 | 31,006 |
| Twelfth District totals..... | 204,115 | 275,359 | 217,752 | 58,226 | 11,651 | 16,463 | 59,882 | 752,590 | 241,762 | 61,352 | 1,899,152 |
| Williamson..... | 204,115 | 275,359 | 217,752 | 58,226 | 11,651 | 16,463 | 59,882 | 752,590 | 241,762 | 61,352 | 1,899,152 |
| Shipping mines..... | 7,050,730 | 6,288,941 | 3,331,721 | 1,340,790 | 708,569 | 314,875 | 906,235 | 12,941,084 | 5,232,511 | 540,071 | 38,655,527 |
| Local mines..... | | | | | | | | | 3,042,905 | 25,646 | 3,068,551 |
| The State..... | 7,050,730 | 6,288,941 | 3,331,721 | 1,340,790 | 708,569 | 314,875 | 906,235 | 12,941,084 | 8,275,416 | 565,717 | 41,724,078 |

TABLE 24—DISPOSITION OF OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS, AND LOCAL MINES FOR THE STATE.

| County. | Disposition of output—tons. | | | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|----------------------------|------------------------------------|----------------------------|---------------------------|--------------------------------|
| | Total tons mined. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. | Tons consumed at the mine. | All coal not sold including waste. | Tons handled by railroads. | Tons disposed of locally. | Percentage of tonnage handled. |
| | | | | | | | | | | |
| First District totals..... | 1,777,138 | 1,250,046 | 252,069 | 721 | 246,269 | 9,920 | 18,113 | 1,502,836 | 274,302 | 84.6 |
| Henry..... | 559,617 | 502,162 | 22,270 | 21 | 94,385 | 5,558 | 5,221 | 524,433 | 35,164 | 93.7 |
| Lacalle..... | 189,807 | 79,651 | 141 | ----- | 108,592 | 1,537 | 1,586 | 79,792 | 110,015 | 42.0 |
| Putnam..... | 80,913 | 34,270 | 6,000 | 700 | 8,100 | 1,727 | 10,116 | 60,970 | 19,943 | 75.4 |
| Will..... | 946,801 | 613,963 | 223,658 | ----- | 105,192 | 2,098 | 1,890 | 837,621 | 109,180 | 88.5 |
| Second District totals..... | 1,508,939 | 365,558 | 933,760 | ----- | 207,330 | 7,160 | 5,131 | 1,349,318 | 219,621 | 86.0 |
| Peoria..... | 1,253,104 | 205,411 | 960,973 | ----- | 84,220 | 598 | 1,962 | 1,166,384 | 86,780 | 93.1 |
| Tazewell..... | 212,515 | 116,395 | 22,367 | ----- | 73,303 | 300 | 150 | 73,753 | 73,753 | 65.3 |
| Woodford..... | 103,260 | 43,752 | 420 | ----- | 49,807 | 6,262 | 3,019 | 44,172 | 59,088 | 42.8 |
| Third District totals..... | 1,838,159 | 1,163,173 | 529,734 | ----- | 118,454 | 9,517 | 17,281 | 1,692,907 | 145,252 | 92.1 |
| Fulton..... | 1,526,408 | 1,140,663 | 316,214 | ----- | 46,039 | 8,701 | 14,791 | 1,455,877 | 69,531 | 95.4 |
| Knox..... | 311,751 | 22,510 | 213,520 | ----- | 72,415 | 816 | 2,490 | 236,030 | 75,721 | 75.7 |
| Fourth District totals..... | 6,056,629 | 4,592,179 | 1,019,085 | 18,276 | 360,854 | 45,484 | 20,751 | 5,629,540 | 427,089 | 92.9 |
| Christian..... | 3,800,706 | 3,346,744 | 361,034 | 17,423 | 110,901 | 22,614 | 1,900 | 3,795,201 | 135,505 | 96.5 |
| Sangamon..... | 2,195,923 | 1,245,435 | 698,051 | 853 | 249,953 | 22,870 | 18,761 | 1,904,339 | 291,584 | 86.7 |
| Fifth District totals..... | 1,840,005 | 1,135,827 | 518,450 | 2,206 | 172,730 | 10,414 | 378 | 1,656,483 | 183,522 | 90.0 |
| Macon..... | 104,401 | 46,278 | ----- | ----- | 117,895 | ----- | 228 | 46,278 | 118,123 | 28.1 |
| Vermilion..... | 1,675,604 | 1,089,549 | 518,450 | 2,206 | 54,835 | 10,414 | 150 | 1,610,205 | 65,399 | 96.1 |
| Sixth District totals..... | 3,921,804 | 1,064,764 | 2,569,435 | 2,008 | 122,912 | 118,861 | 43,824 | 3,636,207 | 285,597 | 92.7 |
| Macoupin..... | 3,361,771 | 746,441 | 2,396,240 | 2,008 | 76,873 | 106,259 | 33,950 | 3,144,659 | 217,082 | 93.5 |
| Montgomery..... | 549,671 | 316,323 | 173,195 | ----- | 39,277 | 11,002 | 9,874 | 489,518 | 60,153 | 89.1 |
| Shelby..... | 10,362 | 2,000 | 6,762 | ----- | 6,762 | 1,600 | ----- | 2,000 | 8,362 | 19.3 |

| | | | | | | | | | | | |
|-------------------------------|------------|------------|------------|--------|-----------|---------|---------|------------|-----------|-------|-------|
| Seventh District totals..... | 1,663,887 | 1,244,443 | 146,453 | ----- | 173,634 | 62,919 | 36,438 | 1,390,890 | 272,991 | 83.6 | 16.4 |
| Boad..... | 98,612 | 20,376 | 2,455 | ----- | 3,404 | 1,800 | 577 | 22,831 | 5,781 | 79.8 | 20.2 |
| Madison..... | 1,342,513 | 1,062,340 | 76,772 | ----- | 138,047 | 38,844 | 25,910 | 1,139,112 | 203,401 | 84.8 | 15.2 |
| Marion..... | 292,762 | 161,727 | 67,226 | ----- | 31,583 | 22,275 | 9,951 | 228,953 | 63,809 | 78.2 | 21.8 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Eighth District totals..... | 2,328,014 | 1,075,850 | 265,955 | 24,752 | 825,482 | 73,307 | 62,668 | 1,366,557 | 961,457 | 55.7 | 41.3 |
| Clinton..... | 284,250 | 179,157 | 5,879 | ----- | 79,365 | 16,042 | 3,807 | 185,036 | 99,214 | 65.1 | 34.9 |
| St. Clair..... | 2,043,764 | 896,693 | 260,076 | 24,752 | 746,117 | 57,265 | 58,861 | 1,181,521 | 862,243 | 57.8 | 42.2 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Ninth District totals..... | 5,249,945 | 2,724,172 | 2,065,999 | 51,868 | 234,631 | 70,002 | 73,273 | 4,872,039 | 377,906 | 92.8 | 7.2 |
| Jackson..... | 1,479,068 | 1,073,787 | 384,469 | ----- | 4,075 | 2,772 | 13,965 | 1,455,256 | 20,812 | 98.6 | 1.4 |
| Perry..... | 3,019,772 | 1,382,277 | 1,344,790 | 21,936 | 186,464 | 39,172 | 45,143 | 2,748,993 | 270,779 | 91.0 | 9.0 |
| Randolph..... | 435,196 | 154,371 | 248,787 | ----- | 11,548 | 12,522 | 7,968 | 403,158 | 32,038 | 92.0 | 7.4 |
| Washington..... | 315,909 | 113,737 | 117,953 | 29,942 | 33,544 | 15,556 | 6,197 | 261,632 | 54,277 | 82.8 | 17.2 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Tenth District totals..... | 7,780,162 | 4,728,661 | 2,556,922 | ----- | 88,686 | 110,213 | 295,680 | 7,285,583 | 494,579 | 93.6 | 6.4 |
| Franklin..... | 7,780,162 | 4,728,661 | 2,556,922 | ----- | 88,686 | 110,213 | 295,680 | 7,285,583 | 494,579 | 93.6 | 6.4 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Eleventh District totals..... | 2,731,693 | 2,029,660 | 541,086 | ----- | 76,709 | 54,403 | 29,835 | 2,570,746 | 160,947 | 94.1 | 5.9 |
| Saline..... | 2,706,687 | 2,019,373 | 541,086 | ----- | 60,649 | 51,915 | 27,664 | 2,560,459 | 140,228 | 94.8 | 5.2 |
| White..... | 31,006 | 10,287 | ----- | ----- | 16,060 | 2,488 | 2,171 | 10,287 | 20,719 | 33.2 | 66.8 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Twelfth District totals..... | 1,899,152 | 1,171,294 | 605,605 | ----- | 40,608 | 42,972 | 38,673 | 1,776,899 | 122,253 | 93.6 | 6.4 |
| Williamson..... | 1,899,152 | 1,171,294 | 605,605 | ----- | 40,608 | 42,972 | 38,673 | 1,776,899 | 122,253 | 93.6 | 6.4 |
| Shipping mines..... | 38,655,527 | 22,545,627 | 12,084,553 | 99,831 | 2,668,299 | 615,172 | 642,045 | 34,730,011 | 3,925,516 | 89.8 | 10.2 |
| Local mines..... | 3,088,551 | ----- | ----- | ----- | 2,958,021 | 84,884 | 25,646 | ----- | 3,068,351 | ----- | 100.0 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| The State..... | 41,724,078 | 22,545,627 | 12,084,553 | 99,831 | 5,626,320 | 700,056 | 667,691 | 34,730,011 | 6,994,067 | 83.2 | 16.8 |

TABLE 25.—TONS MINED FOR THE YEARS 1925-1934, INCLUSIVE, ARRANGED BY DISTRICTS AND BY COUNTIES ALPHABETICALLY WITHIN EACH DISTRICT.

| | *1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Bureau County..... | 604,349 | 380,428 | 119,052 | 5,009 | 8,175 | 13,324 | 10,973 | 16,632 | 18,268 | 31,851 |
| Shipping mines..... | 587,198 | 369,970 | 111,208 | | 3,019 | 6,084 | | | | |
| Local mines..... | 17,151 | 10,458 | 7,844 | 5,009 | 5,156 | 7,240 | 10,973 | 16,632 | 18,268 | 31,851 |
| Grundy County..... | 684,666 | 444,245 | 241,099 | 459,876 | 410,442 | 101,776 | 32,564 | 68,791 | 127,167 | 138,455 |
| Shipping mines..... | 678,979 | 441,750 | 227,511 | 433,266 | 380,353 | 73,046 | | | | |
| Local mines..... | 5,687 | 2,495 | 13,588 | 26,610 | 30,089 | 28,730 | 32,564 | 68,791 | 127,167 | 138,455 |
| Henry County..... | 246,073 | 165,465 | 85,625 | 34,269 | 86,263 | 504,761 | 775,956 | 745,982 | 744,313 | 664,858 |
| Shipping mines..... | 167,389 | 135,738 | 46,616 | | 48,600 | 442,322 | 696,554 | 655,055 | 642,262 | 559,617 |
| Local mines..... | 78,684 | 29,727 | 39,009 | 34,269 | 37,663 | 62,439 | 79,402 | 90,927 | 102,051 | 105,241 |
| Kankakee County..... | | | | | | 800 | | | | |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | | | | | | 800 | | | | |
| LaSalle County..... | 995,136 | 652,726 | 444,253 | 418,298 | 548,257 | 326,341 | 316,035 | 356,879 | 352,735 | 324,465 |
| Shipping mines..... | 648,318 | 401,546 | 192,716 | 206,557 | 334,773 | 155,795 | 170,324 | 132,155 | 198,290 | 189,807 |
| Local mines..... | 346,818 | 251,180 | 251,537 | 211,741 | 213,484 | 170,546 | 145,711 | 224,724 | 154,445 | 134,658 |
| Livingston County..... | 49,636 | 28,185 | 22,142 | 27,804 | 26,638 | 24,351 | 23,830 | 31,970 | 29,569 | 25,724 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 49,636 | 28,185 | 22,142 | 27,804 | 26,638 | 24,351 | 23,830 | 31,970 | 29,569 | 25,724 |
| Mercer County..... | 156,146 | 93,672 | 72,599 | 30,159 | 27,936 | 23,744 | 21,796 | 32,403 | 41,154 | 40,354 |
| Shipping mines..... | 98,002 | 68,376 | 36,445 | | | | | | | |
| Local mines..... | 58,144 | 25,296 | 36,154 | 30,159 | 27,936 | 23,744 | 21,796 | 32,403 | 41,154 | 40,354 |
| Putnam County..... | | | | | | | | | | |
| Shipping mines..... | | | | | | 2,873 | 13,387 | 104,555 | 68,953 | 80,913 |
| Local mines..... | | | | | | | 13,387 | 104,555 | 68,953 | 80,913 |

| | | | | | | | | | | |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Rock Island County..... | 45,460 | 20,046 | 32,455 | 21,732 | 18,670 | 17,345 | 34,774 | 47,775 | 67,887 | 78,298 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 45,460 | 20,046 | 32,455 | 21,732 | 18,670 | 17,345 | 34,774 | 47,775 | 67,887 | 78,298 |
| Will County..... | 17,358 | 18,807 | 17,672 | 234,920 | 701,280 | 865,666 | 988,500 | 976,178 | 982,016 | 968,951 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 17,358 | 18,807 | 17,672 | 234,920 | 701,280 | 865,666 | 988,500 | 976,178 | 982,016 | 968,951 |
| First District total..... | 2,798,824 | 1,803,574 | 1,034,897 | 1,232,067 | 1,827,661 | 1,880,981 | 2,217,815 | 2,381,165 | 2,432,062 | 2,353,809 |
| Shipping mines..... | 2,179,886 | 1,417,380 | 614,496 | 806,191 | 1,468,025 | 1,542,913 | 1,888,765 | 1,867,943 | 1,891,521 | 1,777,138 |
| Local mines..... | 618,938 | 386,194 | 420,401 | 365,876 | 359,636 | 338,068 | 349,050 | 513,222 | 540,541 | 576,731 |
| Marshall County..... | 46,266 | 7,678 | 20,127 | 19,693 | 13,205 | 7,796 | 6,128 | 11,640 | 13,623 | 12,722 |
| Shipping mines..... | 17,534 | | | | | | | | | |
| Local mines..... | 28,732 | 7,678 | 20,127 | 19,693 | 13,205 | 7,796 | 6,128 | 11,640 | 13,623 | 12,722 |
| McLean County..... | 31,610 | 22,480 | 16,866 | 8,951 | | | | | | |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 31,610 | 22,480 | 16,866 | 8,951 | | | | | | |
| Peoria County..... | 1,460,287 | 1,164,312 | 945,495 | 1,505,782 | 1,636,697 | 967,745 | 1,214,567 | 748,358 | 1,443,261 | 1,536,550 |
| Shipping mines..... | 1,131,487 | 931,485 | 743,853 | 1,289,091 | 1,294,065 | 775,067 | 1,030,832 | 512,250 | 1,158,579 | 1,253,164 |
| Local mines..... | 328,800 | 232,827 | 201,642 | 216,691 | 342,632 | 192,678 | 183,735 | 236,108 | 284,682 | 283,386 |
| Stark County..... | 20,308 | 6,976 | 10,253 | 8,512 | 12,197 | 14,051 | 8,754 | 12,082 | 15,801 | 20,842 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 20,308 | 6,976 | 10,253 | 8,512 | 12,197 | 14,051 | 8,754 | 12,082 | 15,801 | 20,842 |
| Tazewell County..... | 824,159 | 361,468 | 435,454 | 577,262 | 509,480 | 437,791 | 343,221 | 395,611 | 325,668 | 328,142 |
| Shipping mines..... | 699,510 | 319,581 | 384,975 | 512,109 | 422,647 | 337,662 | 251,344 | 273,664 | 219,069 | 212,515 |
| Local mines..... | 124,649 | 41,887 | 50,479 | 65,153 | 86,833 | 100,129 | 91,877 | 121,947 | 106,599 | 115,627 |
| Woodford County..... | 158,775 | 99,597 | 76,665 | 68,640 | 64,335 | 68,925 | 48,447 | 67,387 | 98,082 | 103,200 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 158,775 | 99,597 | 76,665 | 68,640 | 64,335 | 68,925 | 48,447 | 67,387 | 98,082 | 103,200 |
| Second District total..... | 2,541,405 | 1,662,511 | 1,504,860 | 2,188,840 | 2,235,914 | 1,496,308 | 1,621,117 | 1,235,078 | 1,896,435 | 2,001,516 |
| Shipping mines..... | 2,007,306 | 1,350,663 | 1,205,493 | 1,869,840 | 1,781,047 | 1,181,654 | 1,330,623 | 853,301 | 1,475,730 | 1,508,939 |
| Local mines..... | 534,099 | 311,848 | 299,367 | 319,000 | 454,867 | 314,654 | 290,494 | 381,777 | 420,705 | 432,577 |

TABLE 25—Continued.

| | •1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Adams County..... | 870 | 1,568 | 240 | 68 | | | | | | 64 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 870 | 1,568 | 240 | 68 | | | | | | 64 |
| Brown County..... | | | | | | | | | | 3,052 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | | | | | | | | | | 3,052 |
| Fulton County..... | 3,023,235 | 1,852,022 | 1,633,925 | 1,708,405 | 1,729,145 | 1,634,772 | 1,398,993 | 1,385,613 | 1,312,939 | 1,693,249 |
| Shipping mines..... | 2,734,395 | 1,661,225 | 1,375,691 | 1,532,373 | 1,558,217 | 1,474,002 | 1,229,481 | 1,116,524 | 994,505 | 1,526,408 |
| Local mines..... | 288,840 | 190,797 | 258,234 | 176,032 | 170,928 | 160,770 | 169,512 | 269,089 | 318,434 | 166,841 |
| Hancock County..... | 3,044 | 1,383 | 2,225 | 6,076 | 5,941 | 3,836 | 3,135 | 4,783 | 3,928 | 2,748 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 3,044 | 1,383 | 2,225 | 6,076 | 5,941 | 3,836 | 3,135 | 4,783 | 3,928 | 2,748 |
| Knox County..... | 70,337 | 51,171 | 133,667 | 145,466 | 217,886 | 341,889 | 340,797 | 296,538 | 417,607 | 387,562 |
| Shipping mines..... | | 24,178 | 104,197 | 123,024 | 191,821 | 294,517 | 290,581 | 238,722 | 295,536 | 311,751 |
| Local mines..... | 70,337 | 26,993 | 29,470 | 22,442 | 26,065 | 47,372 | 50,216 | 57,816 | 122,071 | 75,811 |
| McDonough County..... | 26,614 | 18,372 | 15,866 | 11,185 | 9,054 | 8,867 | 11,836 | 27,357 | 14,775 | 10,072 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 26,614 | 18,372 | 15,866 | 11,185 | 9,054 | 8,867 | 11,836 | 27,357 | 14,775 | 10,072 |
| Schuyler County..... | 34,202 | 17,510 | 21,632 | 23,871 | 23,189 | 25,864 | 35,568 | 34,037 | 32,811 | 50,897 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 34,202 | 17,510 | 21,632 | 23,871 | 23,189 | 25,864 | 35,568 | 34,037 | 32,811 | 50,897 |
| Warren County..... | 10,101 | 4,372 | 6,071 | 9,359 | 5,297 | 5,482 | 4,672 | 6,977 | 7,791 | 8,677 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 10,101 | 4,372 | 6,071 | 9,359 | 5,297 | 5,482 | 4,672 | 6,977 | 7,791 | 8,677 |

| | | | | | | | | | | |
|----------------------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Third District total..... | 3,168,403 | 1,946,398 | 1,813,046 | 1,904,430 | 1,990,512 | 2,020,710 | 1,795,001 | 1,755,305 | 1,789,901 | 2,156,321 |
| Shipping mines..... | 2,734,395 | 1,655,403 | 1,479,888 | 1,655,397 | 1,750,038 | 1,708,519 | 1,520,062 | 1,355,246 | 1,290,041 | 1,838,159 |
| Local mines..... | 434,008 | 290,995 | 333,758 | 249,033 | 240,474 | 252,191 | 274,939 | 400,059 | 499,860 | 318,162 |
| Cass County..... | 5,762 | 2,371 | 1,528 | 886 | 500 | 755 | | 1,240 | 812 | 1,758 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 5,762 | 2,371 | 1,528 | 886 | 500 | 755 | | 1,240 | 812 | 1,758 |
| Christian County..... | 6,063,135 | 4,295,495 | 2,707,681 | 3,604,472 | 3,655,022 | 3,635,976 | 2,987,378 | 1,844,735 | 3,840,792 | 3,866,706 |
| Shipping mines..... | 6,063,135 | 4,293,635 | 2,707,681 | 3,604,472 | 3,655,022 | 3,635,976 | 2,981,000 | 1,835,286 | 3,826,292 | 3,860,706 |
| Local mines..... | | 1,860 | | | | | 6,378 | 9,449 | 4,500 | 6,000 |
| Logan County..... | 343,114 | 222,351 | 150,617 | 146,473 | 137,234 | 130,350 | 114,519 | 94,504 | 28,122 | |
| Shipping mines..... | 343,114 | 222,351 | 150,617 | 146,473 | 137,234 | 130,350 | 114,519 | 94,504 | 28,122 | |
| Local mines..... | | | | | | | | | | |
| Menard County..... | 98,902 | 56,387 | 80,249 | 80,547 | 83,445 | 99,573 | 89,215 | 96,007 | 79,354 | 105,972 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 98,902 | 56,387 | 80,249 | 80,547 | 83,445 | 99,573 | 89,215 | 96,007 | 79,354 | 105,972 |
| Morgan County..... | 2,030 | 240 | 598 | 1,729 | 720 | 300 | 1,066 | 2,253 | 2,175 | 765 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 2,030 | 240 | 598 | 1,729 | 720 | 300 | 1,066 | 2,253 | 2,175 | 765 |
| Pike County..... | | | 140 | 943 | 500 | | 1,130 | 2,160 | | |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | | | 140 | 943 | 500 | | 1,130 | 2,160 | | |
| Sangamon County..... | 8,026,000 | 5,476,167 | 3,119,517 | 3,739,423 | 4,275,675 | 3,700,419 | 3,352,211 | 1,821,826 | 2,081,211 | 2,343,288 |
| Shipping mines..... | 8,487,366 | 5,406,963 | 3,036,773 | 3,644,832 | 4,160,197 | 3,577,046 | 3,218,458 | 1,667,479 | 1,942,248 | 2,195,923 |
| Local mines..... | 138,634 | 69,204 | 82,744 | 94,591 | 115,478 | 123,373 | 133,753 | 154,347 | 138,963 | 147,365 |
| Scott County..... | 6,562 | 3,033 | 1,696 | 2,113 | 2,929 | 1,408 | 1,609 | 4,492 | 1,317 | 4,955 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 6,562 | 3,033 | 1,696 | 2,113 | 2,929 | 1,408 | 1,609 | 4,492 | 1,317 | 4,955 |
| Fourth District total..... | 15,145,505 | 10,056,004 | 6,062,026 | 7,576,586 | 8,156,025 | 7,568,781 | 6,547,128 | 3,867,217 | 6,033,783 | 6,323,444 |
| Shipping mines..... | 14,893,615 | 9,922,949 | 5,895,071 | 7,335,777 | 7,952,453 | 7,343,372 | 6,313,977 | 3,597,269 | 5,806,602 | 6,056,629 |
| Local mines..... | 251,890 | 133,115 | 166,955 | 180,809 | 203,572 | 225,409 | 233,151 | 269,948 | 227,121 | 266,815 |

TABLE 25—Continued.

| | 1925* | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Edgar County..... | 6,824 | 3,549 | 19,797 | 31,534 | 10,243 | 9,896 | 9,428 | 18,266 | 19,299 | 24,290 |
| Shipping mines..... | | | 16,881 | 24,345 | 3,100 | | | | | |
| Local mines..... | 6,824 | 3,549 | 2,916 | 7,189 | 7,143 | | 9,428 | 18,266 | 19,299 | 24,290 |
| Macon County..... | 228,761 | 154,133 | 128,220 | 127,208 | 130,159 | 99,671 | 82,274 | 77,938 | 146,523 | 164,401 |
| Shipping mines..... | | | 128,220 | 127,208 | 130,159 | 99,671 | 82,274 | | 146,523 | 164,401 |
| Local mines..... | | | | | | | | 77,938 | | |
| Vermilion County..... | 5,203,015 | 3,147,825 | 2,741,682 | 3,353,548 | 3,053,187 | 2,930,924 | 2,540,023 | 1,928,377 | 2,004,328 | 1,945,425 |
| Shipping mines..... | 4,764,781 | 2,838,257 | 2,450,472 | 3,062,164 | 2,758,074 | 2,668,583 | 2,316,847 | 1,674,828 | 1,785,515 | 1,675,604 |
| Local mines..... | 438,234 | 309,568 | 291,210 | 291,384 | 295,113 | 262,341 | 223,176 | 253,549 | 278,813 | 269,821 |
| Fifth District total..... | 5,438,600 | 3,305,507 | 2,889,699 | 3,512,290 | 3,193,589 | 3,040,491 | 2,631,725 | 2,024,581 | 2,230,150 | 2,134,116 |
| Shipping mines..... | 4,993,542 | 2,992,390 | 2,595,573 | 3,213,717 | 2,891,333 | 2,768,254 | 2,399,121 | 1,674,828 | 1,932,038 | 1,840,005 |
| Local mines..... | 445,058 | 313,117 | 294,126 | 298,573 | 302,256 | 272,237 | 232,604 | 349,753 | 298,112 | 294,111 |
| Green County..... | 14,895 | 5,538 | 6,947 | 6,382 | 765 | 7,933 | 17,756 | 24,442 | 21,496 | 15,522 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 14,895 | 5,538 | 6,947 | 6,382 | 765 | 7,933 | 17,756 | 24,442 | 21,496 | 15,522 |
| Jersey County..... | 1,700 | 740 | 600 | | | 600 | 2,086 | 1,901 | 1,747 | 2,380 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 1,700 | 740 | 600 | | | 600 | 2,086 | 1,901 | 1,747 | 2,380 |
| Macoupin County..... | 9,239,861 | 6,291,897 | 3,306,496 | 4,639,228 | 5,075,087 | 4,646,527 | 3,992,552 | 1,938,522 | 3,048,648 | 3,372,601 |
| Shipping mines..... | 9,221,059 | 6,265,070 | 3,297,910 | 4,633,485 | 5,069,571 | 4,639,721 | 3,984,432 | 1,930,406 | 3,040,290 | 3,361,771 |
| Local mines..... | 18,802 | 26,827 | 8,586 | 5,793 | 5,516 | 6,806 | 8,120 | 8,116 | 8,358 | 10,830 |
| Montgomery County..... | 3,134,971 | 1,865,294 | 1,034,245 | 1,411,345 | 1,866,886 | 1,599,246 | 1,255,432 | 626,674 | 659,084 | 549,671 |
| Shipping mines..... | 3,131,921 | 1,865,294 | 1,034,245 | 1,411,345 | 1,866,886 | 1,599,246 | 1,255,432 | 626,674 | 659,084 | 549,671 |
| Local mines..... | 3,050 | | | | | | | | | |

TABLE 25—Continued.

| | 1925* | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Monroe County | | 541 | 553 | 77 | | | | 4,232 | 505 | 444 |
| Shipping mines | | | | | | | | | | |
| Local mines | | 541 | 553 | 77 | | | | 4,232 | 505 | 444 |
| St. Clair County | 4,564,455 | 3,427,422 | 3,083,070 | 2,955,266 | 2,803,441 | 2,447,784 | 2,778,643 | 2,166,309 | 2,431,681 | 2,508,219 |
| Shipping mines | 4,332,971 | 3,219,902 | 2,893,267 | 2,754,277 | 2,587,572 | 2,142,740 | 2,430,146 | 1,812,940 | 2,087,754 | 2,043,764 |
| Local mines | 231,484 | 207,460 | 189,803 | 200,989 | 215,869 | 305,044 | 348,497 | 353,369 | 373,927 | 404,455 |
| Eighth District total | 6,007,266 | 4,228,490 | 3,666,702 | 3,403,455 | 3,346,284 | 2,812,551 | 2,902,150 | 2,263,436 | 2,644,410 | 2,792,913 |
| Shipping mines | 5,775,782 | 4,020,489 | 3,476,346 | 3,262,389 | 3,130,415 | 2,507,507 | 2,613,653 | 1,905,835 | 2,209,978 | 2,328,014 |
| Local mines | 231,484 | 208,001 | 190,356 | 201,066 | 215,869 | 305,044 | 348,497 | 357,601 | 374,432 | 404,899 |
| Jackson County | 2,319,363 | 1,794,831 | 1,007,299 | 904,194 | 1,576,752 | 2,054,836 | 1,938,141 | 1,391,403 | 1,234,189 | 1,525,513 |
| Shipping mines | 2,248,049 | 1,748,354 | 962,868 | 838,797 | 1,528,044 | 2,003,806 | 1,892,008 | 1,336,968 | 1,179,090 | 1,479,068 |
| Local mines | 71,314 | 46,477 | 44,431 | 65,397 | 48,708 | 51,030 | 46,133 | 54,435 | 55,099 | 46,445 |
| Perry County | 3,396,976 | 2,327,290 | 1,641,691 | 2,237,661 | 2,940,513 | 3,309,648 | 2,990,440 | 3,086,528 | 2,602,398 | 3,088,966 |
| Shipping mines | 3,366,752 | 2,308,203 | 1,626,041 | 2,224,360 | 2,923,936 | 3,297,842 | 2,973,148 | 3,065,944 | 2,580,392 | 3,019,772 |
| Local mines | 30,224 | 19,087 | 15,650 | 13,301 | 16,577 | 11,806 | 17,292 | 20,584 | 22,006 | 19,104 |
| Randolph County | 1,417,048 | 1,013,687 | 662,559 | 638,584 | 564,984 | 443,195 | 469,188 | 237,509 | 396,843 | 477,330 |
| Shipping mines | 1,352,686 | 976,560 | 613,484 | 596,036 | 519,289 | 399,775 | 426,289 | 195,399 | 336,552 | 435,196 |
| Local mines | 64,362 | 37,127 | 49,075 | 42,548 | 45,695 | 43,420 | 42,899 | 41,910 | 40,291 | 42,134 |
| Washington County | 54,232 | 169,233 | 302,636 | 501,932 | 525,632 | 531,304 | 384,350 | 340,327 | 264,656 | 320,942 |
| Shipping mines | 47,532 | 164,733 | 292,159 | 494,920 | 518,432 | 522,324 | 378,850 | 333,827 | 257,805 | 315,909 |
| Local mines | 6,700 | 4,500 | 10,477 | 7,012 | 7,200 | 8,980 | 5,500 | 6,500 | 6,851 | 5,033 |
| Ninth District total | 7,187,619 | 5,305,041 | 3,614,185 | 4,282,371 | 5,607,881 | 6,338,983 | 5,782,119 | 5,055,767 | 4,498,086 | 5,362,751 |
| Shipping mines | 7,015,019 | 5,197,850 | 3,494,552 | 4,154,113 | 5,489,701 | 6,223,747 | 5,670,295 | 4,932,338 | 4,373,839 | 5,249,945 |
| Local mines | 172,600 | 107,191 | 119,633 | 128,258 | 118,180 | 115,236 | 111,824 | 123,429 | 124,247 | 112,806 |

| | | | | | | | | | | |
|------------------------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| Franklin County..... | 21,545,717 | 15,741,550 | 10,360,881 | 14,078,923 | 14,819,448 | 11,997,347 | 9,531,560 | 7,064,359 | 6,703,883 | 7,780,162 |
| Shipping mines..... | 21,545,717 | 15,741,550 | 10,360,881 | 14,078,923 | 14,819,448 | 11,997,347 | 9,531,560 | 7,064,359 | 6,703,883 | 7,780,162 |
| Local mines..... | | | | | | | | | | |
| Jefferson County..... | 521,460 | 78,923 | 45,160 | | | | | | | 541 |
| Shipping mines..... | 521,460 | 78,923 | 45,160 | | | | | | | 541 |
| Local mines..... | | | | | | | | | | |
| Tenth District total..... | 22,067,177 | 15,820,473 | 10,406,041 | 14,078,923 | 14,819,448 | 11,997,347 | 9,531,560 | 7,064,359 | 6,703,883 | 7,780,703 |
| Shipping mines..... | 22,067,177 | 15,820,473 | 10,406,041 | 14,078,923 | 14,819,448 | 11,997,347 | 9,531,560 | 7,064,359 | 6,703,883 | 7,780,162 |
| Local mines..... | | | | | | | | | | 541 |
| Gallatin County..... | 77,250 | 43,144 | 65,132 | 26,858 | 23,623 | 21,664 | 29,152 | 25,239 | 37,362 | 33,556 |
| Shipping mines..... | 54,611 | 15,044 | 45,281 | 9,181 | 9,348 | 2,350 | | | | |
| Local mines..... | 22,639 | 28,100 | 19,851 | 17,677 | 14,275 | 19,314 | 29,152 | 25,239 | 37,362 | 33,556 |
| Pope County..... | | | | 100 | 100 | 150 | 250 | 50 | 250 | 200 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | | | | 100 | 100 | 150 | 250 | 50 | 250 | 200 |
| Saline County..... | 6,704,363 | 4,740,946 | 3,173,201 | 3,671,157 | 4,132,043 | 3,670,144 | 2,973,465 | 2,439,707 | 2,502,688 | 2,734,233 |
| Shipping mines..... | 6,690,152 | 4,734,358 | 3,156,096 | 3,653,026 | 4,120,143 | 3,655,452 | 2,957,019 | 2,401,303 | 2,479,670 | 2,700,687 |
| Local mines..... | 14,211 | 6,588 | 17,105 | 18,131 | 11,900 | 14,692 | 16,446 | 28,404 | 23,018 | 33,546 |
| Wabash County..... | 14,330 | 5,485 | 5,607 | 4,552 | 6,232 | 6,602 | 6,608 | 10,117 | 13,370 | 14,212 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 14,330 | 5,485 | 5,607 | 4,552 | 6,232 | 6,602 | 6,608 | 10,117 | 13,370 | 14,212 |
| White County..... | 23,525 | 15,392 | 56,191 | 57,558 | 34,841 | 25,423 | 8,608 | 27,747 | 26,483 | 31,006 |
| Shipping mines..... | 23,525 | 15,392 | 56,191 | 57,558 | 34,841 | 25,423 | 8,608 | 27,747 | 26,483 | 31,006 |
| Local mines..... | | | | | | | | | | |
| Eleventh District total..... | 6,819,468 | 4,804,967 | 3,300,131 | 3,760,225 | 4,196,839 | 3,723,985 | 3,018,083 | 2,492,860 | 2,580,153 | 2,813,307 |
| Shipping mines..... | 6,768,288 | 4,764,794 | 3,257,598 | 3,719,765 | 4,164,332 | 3,683,225 | 2,965,027 | 2,439,050 | 2,566,153 | 2,731,693 |
| Local mines..... | 51,180 | 40,173 | 42,563 | 40,460 | 32,507 | 40,758 | 52,456 | 63,810 | 74,000 | 81,614 |

TABLE 25—Continued.

| | 1925* | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 |
|-----------------------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Johnson County..... | 7,211 | 1,410 | 1,910 | 565 | 58 | 2,286 | 1,690 | 1,440 | 1,388 | 729 |
| Shipping mines..... | | | | | | | | | | |
| Local mines..... | 7,211 | 1,410 | 1,910 | 565 | 58 | 2,286 | 1,690 | 1,440 | 1,388 | 729 |
| Williamson County..... | 13,433,016 | 8,198,354 | 5,041,593 | 5,181,894 | 5,274,804 | 4,107,573 | 2,165,819 | 1,933,638 | 2,036,247 | 2,090,090 |
| Shipping mines..... | 13,349,579 | 8,149,328 | 5,001,872 | 5,126,741 | 5,223,641 | 4,033,845 | 2,090,098 | 1,807,728 | 1,892,183 | 1,899,152 |
| Local mines..... | 83,437 | 49,026 | 39,721 | 55,153 | 51,163 | 73,728 | 75,721 | 125,910 | 144,064 | 190,938 |
| Twelfth District total..... | 13,440,227 | 8,199,704 | 5,043,503 | 5,182,459 | 5,274,862 | 4,109,859 | 2,167,509 | 1,935,078 | 2,037,635 | 2,090,819 |
| Shipping mines..... | 13,349,579 | 8,149,328 | 5,001,872 | 5,126,741 | 5,223,641 | 4,033,845 | 2,090,098 | 1,807,728 | 1,892,183 | 1,899,152 |
| Local mines..... | 90,648 | 50,436 | 41,631 | 55,718 | 51,221 | 76,014 | 77,411 | 127,350 | 145,452 | 191,667 |
| The State..... | 103,186,166 | 69,813,255 | 46,949,700 | 56,211,082 | 61,127,759 | 54,085,116 | 45,152,623 | 34,120,786 | 38,320,125 | 41,724,078 |
| Shipping mines..... | 100,012,299 | 67,836,441 | 44,926,433 | 54,284,184 | 59,075,995 | 51,996,608 | 43,073,058 | 31,402,399 | 35,390,677 | 38,655,527 |
| Local mines..... | 3,173,867 | 1,976,814 | 2,023,267 | 1,926,898 | 2,051,764 | 2,088,508 | 2,079,565 | 2,718,387 | 2,929,448 | 3,068,551 |

* July 1, 1924 to December 31, 1925.

TABLE 26—MINES SERVED BY RAILROADS AND THE INITIALS OF ROADS
SERVING—ARRANGED BY COUNTIES AND DISTRICTS.

| Operators. | Railroads. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|--------------------------------------|-------------------|---------------|----------------------------------|--|----------------------------------|
| HENRY COUNTY..... | | 502,162 | 22,270 | 21 | 524,453 |
| Midland Electric Coal Co..... | C. R. I. & P. | 448,258 | 4,885 | 21 | 453,164 |
| | Belt Ry. Co..... | | 14,544 | | 14,544 |
| Schuler Coal Co..... | B. M. & N. W. | 53,904 | 649 | | 649 |
| | C. B. & Q..... | | 2,192 | | 56,096 |
| LA SALLE COUNTY..... | | 79,651 | 141 | | 79,792 |
| Union Coal Co..... | C. R. I. & P. | 60,099 | | | 60,099 |
| Illinois Zinc Co..... | C. R. I. & P. | 14,472 | | | 14,472 |
| Buffalo Rock Coal Co..... | C. R. I. & P. | 5,080 | 141 | | 5,221 |
| PUTNAM COUNTY..... | | 54,270 | 6,000 | 700 | 60,970 |
| Prairie State Coal Co..... | R. I. & N. | 27,150 | 5,000 | 700 | 32,850 |
| | C. M. St. P. & P. | 26,320 | 1,000 | | 27,320 |
| | N. Y. C..... | 800 | | | 800 |
| WILL COUNTY..... | | 613,963 | 223,658 | | 837,621 |
| Northern Illinois Coal Corp..... | C. & A. | 304,564 | 168,319 | | 472,883 |
| | A. T. & S. F. | 309,399 | 44,010 | | 353,409 |
| | Belt..... | | 11,329 | | 11,329 |
| Total First District..... | | 1,250,046 | 252,069 | 721 | 1,502,836 |
| PEORIA COUNTY..... | | 205,411 | 960,973 | | 1,166,384 |
| Crescent Mining Co., No. 6..... | C. R. I. & P. | | 582,374 | | 582,374 |
| | P. T. Co..... | 134,211 | 521 | | 134,732 |
| | P. & P. U..... | | 6,463 | | 6,463 |
| Crescent Mining Co., No. 1..... | C. R. I. & P. | | 257,177 | | 257,177 |
| | P. T. Co..... | 13,879 | 2,592 | | 16,471 |
| | P. & P. U..... | | 16,921 | | 16,921 |
| Dorthel Coal Co., No. 1..... | M. & St. L. | 20,637 | 86,204 | | 106,841 |
| | C. & N. W. | | 204 | | 204 |
| Glenwood Mining Co..... | C. B. & Q. Ry. | 36,684 | 8,517 | | 45,201 |
| TAZEWELL COUNTY..... | | 116,395 | 22,367 | | 138,762 |
| Lake Erie Mining Co..... | P. & P. U. | 107,252 | 22,182 | | 129,434 |
| | M. & St. L. | | 185 | | 185 |
| Ubden Coal Co..... | C. C. C. & St. L. | 9,143 | | | 9,143 |
| WOODFORD COUNTY..... | | 43,752 | 420 | | 44,172 |
| W. G. Sutton..... | I. C..... | 32,719 | | | 32,719 |
| | A. T. & S. F. | 1,030 | | | 1,030 |
| Roanoke Coal & Tile Co..... | A. T. & S. F. | 10,003 | 420 | | 10,423 |
| Total Second District..... | | 365,558 | 983,760 | | 1,349,318 |
| FULTON COUNTY..... | | 1,140,663 | 316,214 | | 1,456,877 |
| Midland Electric Coal Corp..... | M. & St. L. | 371,908 | 53,421 | | 425,329 |
| Truax-Traer Coal Co..... | C. B. & Q. | 303,873 | 46,850 | | 350,723 |
| | Belt..... | | 10,184 | | 10,184 |
| United Electric Coal Co., No. 9..... | C. B. & Q. | 264,894 | 60,318 | | 325,212 |
| Dorthel Coal Co., No. 3..... | M. & St. L. | 74,074 | 85,750 | | 159,824 |
| | P. & P. U. | | 1,775 | | 1,775 |
| | C. & N. W. | | 1,203 | | 1,203 |
| Blakeley Coal Co..... | C. B. & Q. | 30,908 | | | 30,908 |
| Pschirrer & Sons..... | T. P. & W. | 20,875 | 20,000 | | 40,875 |
| Illinois Colliery Co..... | C. B. & Q. | 27,831 | 7,800 | | 35,631 |
| Canton Coal Co..... | C. B. & Q. | 19,640 | 15,270 | | 34,910 |
| Dorthel Coal Co., No. 2..... | M. & St. L. | 4,623 | 13,085 | | 17,708 |
| | P. & P. U. | | 100 | | 100 |
| | C. & N. W. | | 458 | | 458 |
| Sunnyside Coal Co..... | T. P. & W. | 1,348 | | | 1,348 |
| Golden Rule Coal Co..... | M. & St. L. | 7,251 | | | 7,251 |
| Geo. Swords..... | T. P. & W. | 4,440 | | | 4,440 |
| E. A. Reed Coal Co..... | T. P. & W. | 5,646 | | | 5,646 |
| Livings & Smith..... | T. P. & W. | 3,352 | | | 3,352 |

TABLE 26—Continued.

| Operators. | Railroads. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---------------------------------------|-----------------------|---------------|----------------------------------|--|----------------------------------|
| KNOX COUNTY..... | | 22,510 | 213,520 | ----- | 236,030 |
| Galesburg Mining Co..... | A. T. & S. F..... | 22,510 | 213,520 | ----- | 236,030 |
| Total Third District..... | | 1,163,173 | 529,734 | ----- | 1,692,907 |
| CHRISTIAN COUNTY..... | | 3,346,744 | 361,034 | 17,423 | 3,725,201 |
| Peabody Coal Co., No. 9..... | C. & I. M..... | 908,928 | 106,806 | ----- | 1,015,734 |
| Peabody Coal Co., No. 7..... | C. & I. M..... | 929,126 | 42,347 | ----- | 981,473 |
| Peabody Coal Co., No. 8..... | C. & I. M..... | 857,316 | 6,814 | ----- | 864,130 |
| Peabody Coal Co., No. 58..... | C. & I. M..... | 542,709 | ----- | ----- | 542,709 |
| Pana Coal Co..... | Wabash..... | ----- | 190,951 | ----- | 190,951 |
| | C. R. I. & P..... | ----- | 2,517 | ----- | 2,517 |
| | I. C..... | 49,075 | 6,383 | 17,423 | 72,881 |
| | B. & O..... | 2,698 | ----- | ----- | 2,698 |
| Penwell Coal Mining Co..... | C. C. C. & St. L..... | 1,619 | ----- | ----- | 1,619 |
| | C. & E. I..... | 208 | ----- | ----- | 208 |
| | I. C..... | 42,618 | 5,216 | ----- | 47,834 |
| | B. & O..... | 2,201 | ----- | ----- | 2,201 |
| SANGAMON COUNTY..... | | 1,245,435 | 658,051 | 853 | 1,904,339 |
| Central Illinois Mining Co., "A"..... | C. S. & St. L..... | 136,384 | 173,715 | ----- | 310,099 |
| Peabody Coal Co., No. 59..... | S. T..... | 250,821 | 43,684 | 853 | 295,358 |
| Peabody Coal Co., No. 57..... | I. C..... | 77,647 | 13,841 | ----- | 91,488 |
| Mine B. Coal Co..... | B. & O..... | 24,388 | 38,988 | ----- | 63,376 |
| | I. T. C..... | 99,838 | ----- | ----- | 99,838 |
| | C. S. & St. L..... | 40,901 | 2,544 | ----- | 43,445 |
| | C. & A..... | 41,081 | 37,900 | ----- | 78,981 |
| Panther Creek Mines, No. 4..... | Wabash..... | 47,850 | 68,815 | ----- | 116,665 |
| | C. & A..... | 90,124 | 75,995 | ----- | 166,119 |
| | B. & O..... | 4,164 | ----- | ----- | 4,164 |
| | Wabash..... | 9,868 | 14,543 | ----- | 24,411 |
| Peabody Coal Co., No. 53..... | I. C..... | 11,623 | ----- | ----- | 11,623 |
| | I. T. C..... | 2,884 | ----- | ----- | 2,884 |
| | C. S. & St. L..... | 4,760 | ----- | ----- | 4,760 |
| | C. & I. M..... | 19,407 | ----- | ----- | 19,407 |
| Sangamon Coal Co., No. 2..... | Wabash..... | 64,745 | 63,626 | ----- | 128,371 |
| | C. & A..... | 11,389 | 12,946 | ----- | 24,335 |
| | I. C..... | 1,309 | ----- | ----- | 1,309 |
| | B. & O..... | 188 | ----- | ----- | 188 |
| Panther Creek Mines, No. 5..... | C. & I. M..... | 48,894 | ----- | ----- | 48,894 |
| | I. T. C..... | 1,407 | ----- | ----- | 1,407 |
| | C. S. & St. L..... | 384 | ----- | ----- | 384 |
| | C. & A..... | 44,200 | 20,439 | ----- | 64,639 |
| Jefferson Coal Mining Co..... | I. C..... | 21,900 | 14,839 | ----- | 36,739 |
| | Wabash..... | 16,780 | 19,612 | ----- | 36,392 |
| | I. T. C..... | 7,100 | ----- | ----- | 7,100 |
| | C. & I. M..... | 5,172 | ----- | ----- | 5,172 |
| Peabody Coal Co., No. 51..... | C. & A..... | 39,481 | 42,273 | ----- | 81,754 |
| | Wabash..... | 4,080 | 4,831 | ----- | 8,911 |
| | I. C..... | 6,874 | ----- | ----- | 6,874 |
| | C. & I. M..... | 7,372 | ----- | ----- | 7,372 |
| Total Fourth District..... | I. T. C..... | 2,192 | ----- | ----- | 2,192 |
| | C. S. & St. L..... | 2,085 | ----- | ----- | 2,085 |
| | B. & O..... | 531 | ----- | ----- | 531 |
| | C. & A..... | ----- | 5,231 | ----- | 5,231 |
| Macon County..... | I. C..... | ----- | 199 | ----- | 199 |
| | Wabash..... | ----- | 4,030 | ----- | 4,030 |
| | B. & O..... | 48,620 | ----- | ----- | 48,620 |
| | C. & I. M..... | 48,992 | ----- | ----- | 48,992 |
| Total Fourth District..... | | 4,592,179 | 1,019,085 | 18,276 | 5,629,540 |
| MACON COUNTY..... | | 46,278 | ----- | ----- | 46,278 |
| Macon County Coal Co..... | I. C..... | 46,278 | ----- | ----- | 46,278 |

TABLE 26—Continued.

| Operators. | Railroads. | Tons snipped. | Tons sold to railroad com- panies. | Tons supplied to loco- motives at the mines. | Total tons handled by railroads. |
|---|-----------------------|------------------|--|---|---|
| VERMILION COUNTY..... | | 1,089,549 | 518,450 | 2,206 | 1,610,205 |
| Peabody Coal Co., No. 24..... | C. C. C. & St. L..... | 93,008 | 223,497 | | 316,505 |
| United States Fuel Co., "Bun"..... | C. & E. I..... | 218,146 | | | 218,146 |
| | E. J. & P..... | | 262,128 | | 262,128 |
| | C. & E. I..... | 732,370 | | 2,206 | 734,576 |
| Tilton Mining Co..... | Wabash..... | 17,682 | 31,500 | | 49,182 |
| Oakwood Coal Co..... | P. & E..... | 810 | 1,025 | | 1,835 |
| Coal Stripping Co., No. 2..... | I. T. C..... | 11,572 | | | 11,572 |
| United Electric Coal Co., No. 12..... | I. T. C..... | 15,961 | | | 15,961 |
| Total Fifth District..... | | 1,135,827 | 518,450 | 2,206 | 1,656,483 |
| MACOUPIN COUNTY..... | | 746,441 | 2,396,240 | 2,008 | 3,144,689 |
| Consolidated Coal Co. of St. Louis, No. 15..... | Wabash..... | 430,624 | 282,373 | | 712,997 |
| Superior Coal Co., No. 2..... | C. & N. W..... | | 703,716 | | 703,716 |
| Superior Coal Co., No. 3..... | C. & N. W..... | | 690,572 | | 690,572 |
| Superior Coal Co., No. 1..... | C. & N. W..... | | 644,654 | | 644,654 |
| Gillespie Coal Co..... | I. T. C..... | 300,378 | | | 300,378 |
| Superior Coal Co., No. 4..... | C. & N. W..... | | 72,839 | | 72,839 |
| Viriden Coal Co..... | C. & A..... | 4,670 | 629 | | 5,299 |
| | C. B. & Q..... | 1,768 | | | 1,768 |
| Mt. Olive Coal Co..... | I. C..... | 9,001 | 1,457 | 2,008 | 12,466 |
| MONTGOMERY COUNTY..... | | 316,323 | 173,195 | | 489,518 |
| Indiana & Illinois Coal Corp., No. 10..... | C. & E. I..... | 58,427 | 28,232 | | 86,659 |
| | C. C. C. & St. L..... | 163,843 | 97,735 | | 261,578 |
| Hillsboro Coal Co..... | C. C. C. & St. L..... | 94,053 | 47,228 | | 141,281 |
| SHELBY COUNTY..... | | 2,000 | | | 2,000 |
| Erie Sootless Coal Co..... | I. C..... | 2,000 | | | 2,000 |
| Total Sixth District..... | | 1,064,764 | 2,569,435 | 2,008 | 3,636,207 |
| BOND COUNTY..... | | 20,376 | 2,455 | | 22,831 |
| Illinois Pechahontas Coal Co..... | P. R. R..... | 20,376 | 2,455 | | 22,831 |
| MADISON COUNTY..... | | 1,062,340 | 76,772 | | 1,139,112 |
| Mt. Olive & Staunton Coal Co., No. 2..... | L. & M..... | 563,203 | | | 563,203 |
| Lumaghi Coal Co., No. 2..... | P. R. R..... | 284,711 | 33,362 | | 318,073 |
| Livingston-Mt. Olive Coal Co..... | C. C. C. & St. L..... | 57,902 | 22,405 | | 80,307 |
| | C. & E. I..... | 38,643 | 11,929 | | 50,572 |
| Madison County Coal & Mining Co..... | I. T. C..... | 100,040 | 2,447 | | 102,487 |
| Chicopee Coal Co..... | I. T. C..... | 6,293 | | | 6,293 |
| Stiers Bros. Construction Co..... | C. C. C. & St. L..... | 7,746 | 6,629 | | 14,375 |
| Bullock Mining Co..... | P. R. R..... | 3,802 | | | 3,802 |
| MARION COUNTY..... | | 161,727 | 67,226 | | 228,953 |
| Marion County Coal Co..... | I. C..... | 67,254 | 18,988 | | 86,242 |
| | C. B. & Q..... | 77,983 | 31,674 | | 109,657 |
| | M. & I..... | 3,365 | 1,209 | | 4,574 |
| Odin Coal Co..... | I. C..... | 11,990 | 15,355 | | 27,345 |
| | B. & O..... | 1,135 | | | 1,135 |
| Total Seventh District..... | | 1,244,443 | 146,453 | | 1,390,896 |
| CLINTON COUNTY..... | | 179,157 | 5,879 | | 185,036 |
| Southern Coal, Coke & Mining Co., No. 9..... | Southern..... | 123,435 | 5,426 | | 128,861 |
| Citizens Coal Co..... | B. & O..... | 37,958 | | | 37,958 |
| Beckemeyer Coal Co..... | B. & O..... | 17,764 | 453 | | 18,217 |

TABLE 26—Continued.

| Operators. | Railroads. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---|---------------------|---------------|----------------------------------|--|----------------------------------|
| ST. CLAIR COUNTY | | 596,693 | 260,076 | 24,752 | 1,181,521 |
| St. Louis & O'Fallon Coal Co., No. 2 | St. L. & O'F. R. R. | 240,286 | 143,179 | 1,614 | 385,079 |
| Perry Coal Co., "St. Ellen" | I. T. C. | 168,687 | 12,812 | | 181,499 |
| Southern Coal, Coke & Mining Co., No. 7 | Southern | 65,080 | | | 65,080 |
| Gundlach Coal Co. | Caseyville | 76,013 | 32,536 | 1,567 | 110,116 |
| Groom Coal Co. | I. C. | 18,601 | | 21,571 | 40,172 |
| Prairie Coal Co. | I. T. C. | 15,497 | | | 15,497 |
| Perry Coal Co., "Carbon" | B. & O. | 3,473 | 43,698 | | 47,171 |
| Vinegar Hill Coal Co. | I. C. | 74,319 | | | 74,319 |
| Golden Rule Coal Co. | I. C. | 57,133 | 14,218 | | 71,351 |
| Service Coal Co. | L. & N. | 5,771 | | | 5,771 |
| Mulberry Hill Coal Co. | I. C. | 12,375 | 326 | | 12,701 |
| | A. & S. | | 171 | | 171 |
| White Coal Co. | L. & N. | 11,441 | | | 11,441 |
| O. K. Coal Co. | I. C. | 51,339 | 9,508 | | 60,847 |
| | A. & S. | | 473 | | 473 |
| Gill Coal Co. | I. C. | 49,527 | 1,200 | | 50,727 |
| Freeburg Coal Co. | I. C. | 8,580 | | | 8,580 |
| Rentschler Coal & Mining Co. | L. & N. | 1,000 | | | 1,000 |
| Quality Coal & Mining Co. | St. L. & B. | 4,070 | | | 4,070 |
| Guest Coal Co. | Southern | 2,608 | | | 2,608 |
| Eldnar Coal Co. | L. & N. | 5,081 | | | 5,081 |
| Lenzburg Coal Co. | I. C. | 23,757 | 1,750 | | 25,507 |
| Jones Bros. Coal Mining Co., No. 1 | I. C. | 1,942 | | | 1,942 |
| United Electric Coal Co., No. 13 | I. C. | 113 | 205 | | 318 |
| Total Eighth District | | 1,075,850 | 265,955 | 24,752 | 1,366,557 |
| JACKSON COUNTY | | 1,073,787 | 384,469 | | 1,458,256 |
| Union Colliery Co. | I. C. | 723,209 | 121,905 | | 845,114 |
| Truax-Traer Coal Co., No. 2 | I. C. | 126,190 | 42,732 | | 168,922 |
| | Mo. Pac. | 50,123 | 146,173 | | 196,296 |
| Truax-Traer Coal Co., No. 1 | I. C. | 172,340 | 73,443 | | 245,783 |
| Peacock Coal Co. | Mo. Pac. | 1,925 | 216 | | 2,141 |
| PERRY COUNTY | | 1,382,277 | 1,344,790 | 21,926 | 2,748,993 |
| Pyramid Coal Corp. | I. C. | 23,350 | 96,622 | | 119,972 |
| | Mo. Pac. | 206,027 | 182,059 | | 388,086 |
| | C. G. W. | | 260,629 | | 260,629 |
| United Electric Coal Co., No. 11 | I. C. | 220,592 | 171,907 | | 392,499 |
| | Mo. Pac. | 258,834 | 241,266 | | 500,100 |
| Coal Stripping Co., No. 1 | Mo. Pac. | 97,979 | 264,937 | | 362,916 |
| Crerar-Clinch Coal Co., No. 14 | I. C. | 203,104 | 104,132 | | 307,236 |
| Coulterville Coal Co. | M. & I. | 52,641 | 5,619 | | 58,260 |
| | I. C. | 56,791 | 3,746 | | 60,537 |
| Cutler Coal Co. | Mo. Pac. | 97,475 | | | 97,475 |
| Perfection Coal Co. | I. C. | 50,023 | | 21,815 | 71,838 |
| Crerar-Clinch Coal Co., No. 15 | I. C. | 35,100 | 6,802 | | 41,902 |
| Winkle Coal Co. | I. C. | 18,943 | | | 18,943 |
| Whip-Poor-Will Coal & Mining Co. | Mo. Pac. | 12,809 | 2,940 | | 15,749 |
| Briar Hill Coal Mining Co. | Mo. Pac. | 6,866 | 1,310 | | 8,176 |
| | I. C. | 6,758 | 451 | | 7,209 |
| Beaucoup Coal Co. | Mo. Pac. | 11,383 | 2,370 | | 13,753 |
| Ring Coal Co. | Mo. Pac. | 12,000 | | | 12,000 |
| Home Coal Co. | M. & O. | 7,270 | | | 7,270 |
| Bailey Bros. Coal Co. | I. C. | 1,000 | | | 1,000 |
| Tamaroa Coal Co. | I. C. | 100 | | | 100 |
| Biby Coal Co. | Mo. Pac. | 1,280 | | | 1,280 |
| Talbott Coalery Co. | I. C. | 45 | | | 45 |
| Conant Coal Co. | Mo. Pac. | 1,707 | | 111 | 1,818 |
| Imperial Coal Co. | I. C. | 200 | | | 200 |
| RANDOLPH COUNTY | | 154,371 | 248,787 | | 403,158 |
| Moffat Coal Co. | M. & O. | 20,756 | 219,412 | | 240,168 |
| St. Louis Coal Co. | I. C. | 81,718 | 15,600 | | 97,318 |
| | M. & I. | 9,080 | 5,350 | | 14,430 |
| Jones Bros. Coal Mining Co., No. 2 | I. C. | 29,791 | 3,160 | | 32,951 |
| Illmo Coal Co. | M. & I. | 13,026 | 5,265 | | 18,291 |

TABLE 26—Continued.

| Operators. | Railroads. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---|-----------------------|---------------|----------------------------------|--|----------------------------------|
| WASHINGTON COUNTY..... | | 113,737 | 117,953 | 29,942 | 261,632 |
| Centralia Coal Co., No. 5..... | I. C..... | 56,096 | 70,871 | ----- | 126,967 |
| | C. B. & Q..... | 37,022 | 30,006 | ----- | 67,028 |
| Clarkson Coal & Mining Co..... | L. & N..... | 19,019 | 17,076 | 29,942 | 66,037 |
| Bois Coal Co..... | I. C..... | 1,600 | ----- | ----- | 1,600 |
| Total Ninth District..... | | 2,724,172 | 2,095,999 | 51,868 | 4,872,039 |
| FRANKLIN COUNTY..... | | 4,728,661 | 2,556,922 | ----- | 7,285,583 |
| Chicago, Wilmington & Franklin Coal Co., No. 2..... | C. B. & Q..... | 328,268 | 143,514 | ----- | 471,782 |
| | Mo. Pac..... | 184,221 | 87,042 | ----- | 271,263 |
| | C. & E. I..... | 25,285 | 10,385 | ----- | 35,670 |
| | I. C..... | 279,422 | 104,787 | ----- | 384,209 |
| Bell & Zoller Coal & Mining Co., No. 2..... | C. B. & Q..... | 237,026 | 92,341 | ----- | 329,367 |
| | I. C..... | 263,681 | 103,063 | ----- | 366,744 |
| | Mo. Pac..... | 92,805 | 46,021 | ----- | 138,826 |
| Bell & Zoller Coal & Mining Co., No. 1..... | C. B. & Q..... | 238,353 | 75,818 | ----- | 314,171 |
| | I. C..... | 238,020 | 92,102 | ----- | 330,122 |
| | Mo. Pac..... | 105,735 | 43,369 | ----- | 149,104 |
| Valier Coal Co., No. 1..... | C. B. & Q..... | ----- | 868,988 | ----- | 868,988 |
| Old Ben Coal Corp., No. 8..... | C. B. & Q..... | 282,779 | 96,726 | ----- | 379,505 |
| | I. C..... | 111,818 | 1,470 | ----- | 113,288 |
| | C. & E. I..... | 17,591 | 6,713 | ----- | 24,304 |
| | Mo. Pac..... | 119,217 | 14,749 | ----- | 133,966 |
| Old Ben Coal Corp., No. 15..... | C. B. & Q..... | 316,099 | 49,735 | ----- | 365,834 |
| | I. C..... | 203,889 | 55,125 | ----- | 259,014 |
| | C. & E. I..... | 6,272 | 1,274 | ----- | 7,546 |
| Chicago, Wilmington & Franklin Coal Co., No. 1..... | C. B. & Q..... | 145,326 | 55,938 | ----- | 201,264 |
| | Mo. Pac..... | 87,132 | 46,671 | ----- | 133,803 |
| | C. & E. I..... | 14,087 | 5,592 | ----- | 19,679 |
| | I. C..... | 122,884 | 51,154 | ----- | 174,038 |
| Franklin County Coal Co., Inc., No. 7..... | C. B. & Q..... | 94,771 | 77,336 | ----- | 172,107 |
| | I. C..... | 120,099 | 77,643 | ----- | 197,742 |
| | Mo. Pac..... | 64,720 | 53,913 | ----- | 118,633 |
| Franklin County Coal Co., Inc., No. 5..... | C. B. & Q..... | 172,305 | 13,528 | ----- | 185,833 |
| | I. C..... | 117,775 | 15,488 | ----- | 133,263 |
| | Mo. Pac..... | 55,071 | 740 | ----- | 55,811 |
| Peabody Coal Co., No. 19..... | C. & E. I..... | 28,461 | 39,000 | ----- | 67,461 |
| | C. B. & Q..... | 119,952 | 46,466 | ----- | 166,418 |
| | I. C..... | 120,370 | 9,010 | ----- | 129,380 |
| West Frankfort Coal Co., No. 21..... | C. B. & Q..... | 72,872 | 19,839 | ----- | 92,711 |
| | I. C..... | 51,585 | 15,767 | ----- | 67,352 |
| | C. & E. I..... | 8,079 | 564 | ----- | 8,643 |
| Brewerton Coal Co., No. 22..... | C. B. & Q..... | 112,049 | 57,050 | ----- | 169,099 |
| Franklin Mining Co..... | C. & E. I..... | 95,339 | 26,955 | ----- | 122,294 |
| | I. C..... | 5,386 | ----- | ----- | 5,386 |
| Old Ben Coal Corp., No. 14..... | C. B. & Q..... | 27,244 | 5,439 | ----- | 32,683 |
| | I. C..... | 10,731 | 3,234 | ----- | 13,965 |
| | C. & E. I..... | 6,272 | ----- | ----- | 6,272 |
| | Mo. Pac..... | 5,047 | 3,969 | ----- | 9,016 |
| Peabody Coal Co., No. 18..... | C. & E. I..... | 4,299 | 4,675 | ----- | 8,974 |
| | C. B. & Q..... | 7,796 | 27,901 | ----- | 35,697 |
| | I. C..... | 8,528 | 5,828 | ----- | 14,356 |
| Total Tenth District..... | | 4,728,661 | 2,556,922 | ----- | 7,285,583 |
| SALINE COUNTY..... | | 2,019,373 | 541,086 | ----- | 2,560,459 |
| Peabody Coal Co., No. 47..... | C. C. C. & St. L..... | 329,755 | 97,158 | ----- | 426,913 |
| Wasson Coal Co., No. 1..... | C. C. C. & St. L..... | 266,977 | 108,683 | ----- | 375,660 |
| Sahara Coal Co., No. 1..... | C. C. C. & St. L..... | 330,145 | 17,471 | ----- | 347,616 |
| Sahara Coal Co., No. 10..... | C. C. C. & St. L..... | 72,900 | 103,734 | ----- | 176,634 |
| | I. C..... | 132,551 | ----- | ----- | 132,551 |
| Rex Coal Co., No. 2..... | I. C..... | 312,194 | ----- | ----- | 312,194 |
| Sahara Coal Co., No. 12..... | C. C. C. & St. L..... | 209,517 | 83,267 | ----- | 292,784 |
| Sahara Coal Co., No. 3..... | C. C. C. & St. L..... | 160,438 | 79,173 | ----- | 239,611 |
| Blue Bird Coal Co..... | C. C. C. & St. L..... | 204,896 | 51,600 | ----- | 256,496 |

TABLE 26—Concluded.

| Operators. | Railroads. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|--|---|-----------------------------------|----------------------------------|--|------------------------------------|
| WHITE COUNTY..... | | 10,287 | | | 10,287 |
| Norris City Coal Mining Co., No. 1..... | B. & O. C. C. C. & St. L. | 8,442 1,845 | | | 8,442 1,845 |
| Total Eleventh District..... | | 2,029,660 | 541,086 | | 2,570,746 |
| WILLIAMSON COUNTY..... | | 1,171,294 | 605,605 | | 1,776,899 |
| Old Ben Coal Corp., No. 18..... | C. B. & Q. I. C. C. & E. I. Mo. Pac. | 190,744 66,000 98 49,833 | 91,336 83,153 46,403 | | 192,080 149,153 98 96,236 |
| Consolidated Coal Co. of St. Louis, No. 7..... | I. C. Mo. Pac. C. B. & Q. | 122,949 75,622 58,626 | 86,153 38,326 26,030 | | 209,102 113,948 84,656 |
| Seymour Coal Co..... | I. C. Mo. Pac. C. B. & Q. | 139,777 22,196 33,340 | 55,875 6,176 14,805 | | 195,652 28,372 48,145 |
| Franco Mining Corp..... | C. B. & Q. | 153,677 | 66,441 | | 220,118 |
| Freeman Coal Mining Co..... | I. C. C. B. & Q. | 42,330 29,167 | 14,742 9,750 | | 57,072 38,917 |
| Carterville Peacock Coal Co..... | Mo. Pac. | 55,901 | 36,437 | | 92,338 |
| Wallace Coal Co..... | Mo. Pac. | 70,841 | 18,211 | | 89,052 |
| Blue Hill Coal Co..... | Mo. Pac. | 80,113 | | | 80,113 |
| Carbon Fuel Co..... | C., B. & Q. | 25,482 | 7,817 | | 33,299 |
| City Lake Coal Co..... | C. B. & Q. Mo. Pac. | 8,817 5,862 | | | 8,817 5,862 |
| Forsyth Carterville Coal Co..... | I. C. | 10,968 | 2,762 | | 13,730 |
| Consumers Coal & Materials Co..... | Mo. Pac. | 513 | | | 513 |
| Spillertown Mining Co..... | C. & E. I. | 250 | | | 250 |
| New Watson Coal Co..... | Mo. Pac. | 6,455 | | | 6,455 |
| Puritan Coal Co..... | C. B. & Q. | 3,846 | | | 3,846 |
| Carterville M. & E. Co., No. 1..... | I. C. | 2,325 | 1,188 | | 3,513 |
| Rodney Coal Co..... | Mo. Pac. | 3,430 | | | 3,430 |
| M. H. Radford..... | Mo. Pac. | 2,132 | | | 2,132 |
| Total Twelfth District..... | | 1,171,294 | 605,605 | | 1,776,899 |

TABLE 27—RAILROADS HANDLING THE COAL AND THE MINES SERVED BY EACH.

| Number. | Railroads. | County. | District No. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---------|---|------------|--------------|---------------|----------------------------------|--|----------------------------------|
| 1 | Illinois Central | | | 4,968,206 | 1,593,400 | 62,817 | 6,624,423 |
| 1 | Bailey Bros. Coal Co. | Perry | 9 | 1,000 | | | 1,000 |
| 2 | Bell & Zoller Coal & Mining Co., No. 1 | Franklin | 10 | 238,020 | 92,102 | | 330,122 |
| 3 | Bell & Zoller Coal & Mining Co., No. 2 | Franklin | 10 | 263,681 | 103,063 | | 366,744 |
| 4 | Bois Coal Co. | Washington | 9 | 1,600 | | | 1,600 |
| 5 | Briar Hill Coal Mining Co. | Perry | 9 | 6,758 | 451 | | 7,209 |
| 6 | Carterville Mining & Engineering Co., No. 1 | Williamson | 12 | 2,325 | 1,188 | | 3,513 |
| 7 | Centralia Coal Co., No. 5 | Washington | 9 | 56,096 | 70,871 | | 126,967 |
| 8 | C., W. & F. Coal Co., No. 1 | Franklin | 10 | 122,884 | 51,154 | | 174,038 |
| 9 | C., W. & F. Coal Co., No. 2 | Franklin | 10 | 279,422 | 104,787 | | 384,209 |
| 10 | Consolidated Coal Co., No. 7 | Williamson | 12 | 122,949 | 86,153 | | 209,102 |
| 11 | Coulterville Coal Co. | Perry | 9 | 56,791 | 3,746 | | 60,537 |
| 12 | Crerar-Clinch Coal Co., No. 14 | Perry | 9 | 203,104 | 104,132 | | 307,236 |
| 13 | Crerar-Clinch Coal Co., No. 15 | Perry | 9 | 35,100 | 6,802 | | 41,902 |
| 14 | Erie Sootless Coal Co. | Shelby | 6 | 2,000 | | | 2,000 |
| 15 | Forsyth-Carterville Coal Co. | Williamson | 12 | 10,968 | 2,762 | | 13,730 |
| 16 | Franklin County Coal Co., No. 5 | Franklin | 10 | 117,775 | 15,488 | | 133,263 |
| 17 | Franklin County Coal Co., No. 7 | Franklin | 10 | 120,099 | 77,643 | | 197,742 |
| 18 | Franklin Mining Co. | Franklin | 10 | 5,386 | | | 5,386 |
| 19 | Freeburg Coal Co. | St. Clair | 8 | 8,580 | | | 8,580 |
| 20 | Freeman Coal Mining Co. | Williamson | 12 | 42,330 | 14,742 | | 57,072 |
| 21 | Gill Coal Co. | St. Clair | 8 | 49,527 | 1,200 | | 50,727 |
| 22 | Golden Rule Coal Co. | St. Clair | 8 | 57,133 | 14,218 | | 71,351 |
| 23 | Groom Coal Co. | St. Clair | 8 | 18,601 | | 21,571 | 40,172 |
| 24 | Imperial Coal Co. | Perry | 9 | 200 | | | 200 |
| 25 | Jefferson Coal Mining Co. | Sangamon | 4 | | 199 | | 199 |
| 26 | Jones Bros. Mining Co., No. 1 | St. Clair | 8 | 1,942 | | | 1,942 |
| 27 | Jones Bros. Mining Co., No. 2 | Randolph | 9 | 29,791 | 3,160 | | 32,951 |
| 28 | Lenzburg Coal Co. | St. Clair | 8 | 23,757 | 1,750 | | 25,507 |
| 29 | Macon County Coal Co. | Macon | 5 | 46,278 | | | 46,278 |
| 30 | Marion County Coal Co. | Marion | 7 | 67,254 | 18,988 | | 86,242 |
| 31 | Mt. Olive Coal Co. | Macoupin | 6 | 9,001 | 1,457 | 2,008 | 12,466 |
| 32 | Mulberry Hill Coal Co. | St. Clair | 8 | 12,375 | 326 | | 12,701 |
| 33 | Odin Coal Co. | Marion | 7 | 11,990 | 15,355 | | 27,345 |
| 34 | O. K. Coal Co. | St. Clair | 8 | 51,339 | 9,508 | | 60,847 |
| 35 | Old Ben Coal Corp., No. 8 | Franklin | 10 | 111,818 | 1,470 | | 113,288 |
| 36 | Old Ben Coal Corp., No. 14 | Franklin | 10 | 10,731 | 3,234 | | 13,965 |
| 37 | Old Ben Coal Corp., No. 15 | Franklin | 10 | 203,889 | 55,125 | | 259,014 |
| 38 | Old Ben Coal Corp., No. 18 | Williamson | 12 | 66,000 | 83,153 | | 149,153 |
| 39 | Pana Coal Co. | Christian | 4 | 49,075 | 6,383 | 17,423 | 72,881 |
| 40 | Panther Creek Mines, No. 4 | Sangamon | 4 | 11,623 | | | 11,623 |
| 41 | Panther Creek Mines, No. 5 | Sangamon | 4 | 6,874 | | | 6,874 |
| 42 | Peabody Coal Co., No. 18 | Franklin | 10 | 8,528 | 5,828 | | 14,356 |
| 43 | Peabody Coal Co., No. 19 | Franklin | 10 | 120,370 | 9,010 | | 129,380 |
| 44 | Peabody Coal Co., No. 53 | Sangamon | 4 | 1,309 | | | 1,309 |
| 45 | Peabody Coal Co., No. 57 | Sangamon | 4 | 77,647 | 13,841 | | 91,488 |
| 46 | Penwell Coal Mining Co. | Christian | 4 | 42,618 | 5,216 | | 47,834 |
| 47 | Perfection Coal Co. | Perry | 9 | 50,023 | | 21,815 | 71,838 |
| 48 | Pyramid Coal Corp. | Perry | 9 | 23,350 | 96,622 | | 119,972 |
| 49 | Rex Coal Co. | Saline | 11 | 312,194 | | | 312,194 |
| 50 | Sahara Coal Co., No. 10 | Saline | 11 | 132,551 | | | 132,551 |
| 51 | St. Louis Coal Co. | Randolph | 9 | 81,718 | 15,600 | | 97,318 |
| 52 | Sangamon Coal Co., No. 2 | Sangamon | 4 | 21,900 | 14,839 | | 36,739 |
| 53 | Seymour Coal Co. | Williamson | 12 | 139,777 | 55,875 | | 195,652 |
| 54 | Sutton, W. G. Co. | Woodford | 3 | 32,719 | | | 32,719 |
| 55 | Talbot Coalery Co. | Perry | 9 | 45 | | | 45 |
| 56 | Tamaroa Coal Co. | Perry | 9 | 100 | | | 100 |
| 57 | Truax-Traer Coal Co., No. 1 | Jackson | 9 | 172,340 | 73,443 | | 245,783 |
| 58 | Truax-Traer Coal Co., No. 2 | Jackson | 9 | 126,190 | 42,732 | | 168,922 |
| 59 | Union Colliery Co. | Jackson | 9 | 723,209 | 121,905 | | 845,114 |
| 60 | United Electric Coal Co., No. 11 | Perry | 9 | 220,592 | 171,907 | | 392,499 |
| 61 | United Electric Coal Co., No. 13 | St. Clair | 8 | 113 | 205 | | 318 |
| 62 | Vinegar Hill Coal Co. | St. Clair | 8 | 74,319 | | | 74,319 |
| 63 | West Frankfort Coal Co., No. 21 | Franklin | 10 | 51,585 | 15,767 | | 67,352 |
| 64 | Winkle Coal Co. | Perry | 9 | 18,943 | | | 18,943 |

TABLE 27—Continued.

| Number. | Railroads. | County. | District No. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---------|---|-----------------|--------------|---------------|----------------------------------|--|----------------------------------|
| 2 | Chicago, Burlington & Quincy..... | | | 3,423,046 | 2,049,425 | | 5,472,471 |
| 1 | Bell & Zoller Coal & Mining Co., No. 1..... | Franklin..... | 10 | 238,353 | 75,818 | | 314,171 |
| 2 | Bell & Zoller Coal & Mining Co., No. 2..... | Franklin..... | 10 | 237,026 | 92,341 | | 329,367 |
| 3 | Blakley Coal Co..... | Fulton..... | 3 | 30,908 | | | 30,908 |
| 4 | Brewerton Coal Co., No. 22..... | Franklin..... | 10 | 112,049 | 57,050 | | 169,099 |
| 5 | Canton Coal Co..... | Fulton..... | 3 | 19,640 | 15,270 | | 34,910 |
| 6 | Carbon Fuel Co..... | Williamson..... | 12 | 25,482 | 7,817 | | 33,299 |
| 7 | Centralia Coal Co., No. 5..... | Washington..... | 9 | 37,022 | 30,006 | | 67,028 |
| 8 | C., W. & F. Coal Co., No. 1..... | Franklin..... | 10 | 145,326 | 55,938 | | 201,264 |
| 9 | C., W. & F. Coal Co., No. 2..... | Franklin..... | 10 | 328,268 | 143,514 | | 471,782 |
| 10 | City Lake Coal Co..... | Williamson..... | 12 | 8,817 | | | 8,817 |
| 11 | Consolidated Coal Co., No. 7..... | Williamson..... | 12 | 58,626 | 26,030 | | 84,656 |
| 12 | Franco Mining Corp..... | Williamson..... | 12 | 153,677 | 66,441 | | 220,118 |
| 13 | Franklin County Coal Co., No. 5..... | Franklin..... | 10 | 172,305 | 13,528 | | 185,833 |
| 14 | Franklin County Coal Co., No. 7..... | Franklin..... | 10 | 94,771 | 77,336 | | 172,107 |
| 15 | Freeman Coal Mining Co..... | Williamson..... | 12 | 29,167 | 9,750 | | 38,917 |
| 16 | Glenwood Mining Co..... | Peoria..... | 2 | 36,684 | 8,517 | | 45,201 |
| 17 | Illinois Colliery Co..... | Fulton..... | 3 | 27,831 | 7,800 | | 35,631 |
| 18 | Marion County Coal Co..... | Marion..... | 7 | 77,983 | 31,674 | | 109,657 |
| 19 | Old Ben Coal Corp., No. 8..... | Franklin..... | 10 | 282,779 | 96,726 | | 379,505 |
| 20 | Old Ben Coal Corp., No. 14..... | Franklin..... | 10 | 27,244 | 5,439 | | 32,683 |
| 21 | Old Ben Coal Corp., No. 15..... | Franklin..... | 10 | 316,099 | 49,735 | | 365,834 |
| 22 | Old Ben Coal Corp., No. 18..... | Williamson..... | 12 | 100,744 | 91,336 | | 192,080 |
| 23 | Peabody Coal Co., No. 18..... | Franklin..... | 10 | 7,796 | 27,901 | | 35,697 |
| 24 | Peabody Coal Co., No. 19..... | Franklin..... | 10 | 119,952 | 46,466 | | 166,418 |
| 25 | Puritan Coal Co..... | Williamson..... | 12 | 3,846 | | | 3,846 |
| 26 | Seymour Coal Co..... | Williamson..... | 12 | 33,340 | 14,805 | | 48,145 |
| 27 | Shuler Coal Co..... | Henry..... | 1 | 53,904 | 2,192 | | 56,096 |
| 28 | Truax-Traer Coal Co..... | Fulton..... | 3 | 303,873 | 46,850 | | 350,723 |
| 29 | United Electric Coal Co., No. 9..... | Fulton..... | 3 | 264,894 | 60,318 | | 325,212 |
| 30 | Valier Coal Co..... | Franklin..... | 10 | | 868,988 | | 868,988 |
| 31 | Virden Coal Co..... | Macoupin..... | 6 | 1,768 | | | 1,768 |
| 32 | West Frankfort Coal Co., No. 21..... | Franklin..... | 10 | 72,872 | 19,839 | | 92,711 |
| 3 | Chicago & Illinois Midland..... | | | 3,377,916 | 155,967 | | 3,533,883 |
| 1 | Panther Creek Mines, No. 4..... | Sangamon..... | 4 | 19,407 | | | 19,407 |
| 2 | Panther Creek Mines, No. 5..... | Sangamon..... | 4 | 7,372 | | | 7,372 |
| 3 | Peabody Coal Co., No. 7..... | Christian..... | 4 | 939,126 | 42,347 | | 981,473 |
| 4 | Peabody Coal Co., No. 8..... | Christian..... | 4 | 857,316 | 6,814 | | 864,130 |
| 5 | Peabody Coal Co., No. 9..... | Christian..... | 4 | 908,928 | 106,806 | | 1,015,734 |
| 6 | Peabody Coal Co., No. 51..... | Sangamon..... | 4 | 48,992 | | | 48,992 |
| 7 | Peabody Coal Co., No. 53..... | Sangamon..... | 4 | 48,894 | | | 48,894 |
| 8 | Peabody Coal Co., No. 58..... | Christian..... | 4 | 542,709 | | | 542,709 |
| 9 | Sangamon Coal Co., No. 2..... | Sangamon..... | 4 | 5,172 | | | 5,172 |
| 4 | Missouri Pacific..... | | | 1,845,254 | 1,283,298 | 111 | 3,128,663 |
| 1 | Bell & Zoller Coal & Mining Co., No. 1..... | Franklin..... | 10 | 105,735 | 43,369 | | 149,104 |
| 2 | Bell & Zoller Coal & Mining Co., No. 2..... | Franklin..... | 10 | 92,805 | 46,021 | | 138,826 |
| 3 | Beaucoup Coal Co..... | Perry..... | 9 | 11,383 | 2,370 | | 13,753 |
| 4 | Biby Coal Co..... | Perry..... | 9 | 1,280 | | | 1,280 |
| 5 | Blue Hill Coal Co..... | Williamson..... | 12 | 80,113 | | | 80,113 |
| 6 | Briar Hill Coal Mining Co..... | Perry..... | 9 | 6,866 | 1,310 | | 8,176 |
| 7 | Cartersville-Peacock Coal Co..... | Williamson..... | 12 | 55,901 | 36,437 | | 92,338 |
| 8 | C., W. & F. Coal Co., No. 1..... | Franklin..... | 10 | 87,132 | 46,671 | | 133,803 |
| 9 | C., W. & F. Coal Co., No. 2..... | Franklin..... | 10 | 184,221 | 87,042 | | 271,263 |
| 10 | City Lake Coal Co..... | Williamson..... | 12 | 5,862 | | | 5,862 |
| 11 | Coal Stripping Co., No. 1..... | Perry..... | 9 | 97,979 | 264,937 | | 362,916 |
| 12 | Conant Coal Co..... | Perry..... | 9 | 1,707 | | 111 | 1,818 |
| 13 | Consolidated Coal Co., No. 7..... | Williamson..... | 12 | 75,622 | 38,326 | | 113,948 |
| 14 | Consumers Coal & Materials Co..... | Williamson..... | 12 | 513 | | | 513 |
| 15 | Cutler Coal Co..... | Perry..... | 9 | 97,475 | | | 97,475 |
| 16 | Franklin County Coal Co., No. 5..... | Franklin..... | 10 | 55,071 | 740 | | 55,811 |

TABLE 27—Continued.

| Number. | Railroads. | County. | District No. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|-----------------------------|--|------------|--------------|---------------|----------------------------------|--|----------------------------------|
| Missouri Pacific—Concluded. | | | | | | | |
| 17 | Franklin County Coal Co., No. 7 | Franklin | 10 | 64,720 | 53,913 | ----- | 118,633 |
| 18 | New Watson Coal Co. | Williamson | 12 | 6,455 | ----- | ----- | 6,455 |
| 19 | Old Ben Coal Corp., No. 8 | Franklin | 10 | 119,217 | 14,749 | ----- | 133,966 |
| 20 | Old Ben Coal Corp., No. 14 | Franklin | 10 | 5,047 | 3,969 | ----- | 9,016 |
| 21 | Old Ben Coal Corp., No. 18 | Williamson | 12 | 49,833 | 46,403 | ----- | 96,236 |
| 22 | Peacock Coal Co. | Jackson | 9 | 1,925 | 216 | ----- | 2,141 |
| 23 | Pyramid Coal Corp. | Perry | 9 | 206,027 | 182,059 | ----- | 388,086 |
| 24 | Radford, M. H. | Williamson | 12 | 2,132 | ----- | ----- | 2,132 |
| 25 | Ring Coal Co. | Perry | 9 | 12,000 | ----- | ----- | 12,000 |
| 26 | Rodney Coal Co. | Williamson | 12 | 3,430 | ----- | ----- | 3,430 |
| 27 | Seymour Coal Co. | Williamson | 12 | 22,196 | 6,176 | ----- | 28,372 |
| 28 | Traux-Traer Coal Co., No. 2 | Jackson | 9 | 50,123 | 146,173 | ----- | 196,296 |
| 29 | United Electric Coal Co., No. 11 | Perry | 9 | 258,834 | 241,266 | ----- | 500,100 |
| 30 | Wallace Coal Co. | Williamson | 12 | 70,841 | 18,211 | ----- | 89,052 |
| 31 | Whip-Poor-Will Coal & Mining Co. | Perry | 9 | 12,809 | 2,940 | ----- | 15,749 |
| 5 | Cleveland, Cincinnati, Chicago & St. Louis | ----- | ----- | 2,004,033 | 938,580 | ----- | 2,942,613 |
| 1 | Blue Bird Coal Co. | Saline | 11 | 204,896 | 51,600 | ----- | 256,496 |
| 2 | Hillsboro Coal Co. | Montgomery | 6 | 94,053 | 47,228 | ----- | 141,281 |
| 3 | Indiana & Illinois Coal Corp., No. 10 | Montgomery | 6 | 163,843 | 97,735 | ----- | 261,578 |
| 4 | Livingston-Mt. Olive Coal Co. | Madison | 7 | 57,902 | 22,405 | ----- | 80,307 |
| 5 | Norris City Coal Mining Co. | White | 11 | 1,845 | ----- | ----- | 1,845 |
| 6 | Pana Coal Co. | Christian | 4 | 1,619 | ----- | ----- | 1,619 |
| 7 | Peabody Coal Co., No. 24 | Vermilion | 5 | 93,008 | 223,497 | ----- | 316,505 |
| 8 | Peabody Coal Co., No. 47 | Saline | 11 | 329,755 | 97,158 | ----- | 426,913 |
| 9 | Penwell Coal Mining Co. | Christian | 4 | 246 | ----- | ----- | 246 |
| 10 | Sahara Coal Co., No. 1 | Saline | 11 | 330,145 | 17,471 | ----- | 347,616 |
| 11 | Sahara Coal Co., No. 3 | Saline | 11 | 160,438 | 79,173 | ----- | 239,611 |
| 12 | Sahara Coal Co., No. 10 | Saline | 11 | 72,900 | 103,734 | ----- | 176,634 |
| 13 | Sahara Coal Co., No. 12 | Saline | 11 | 209,517 | 83,267 | ----- | 292,784 |
| 14 | Stiers Bros. Construction Co. | Madison | 7 | 7,746 | 6,629 | ----- | 14,375 |
| 15 | Ubben Coal Co. | Peoria | 2 | 9,143 | ----- | ----- | 9,143 |
| 16 | Wasson Coal Co., No. 1 | Saline | 11 | 266,977 | 108,683 | ----- | 375,660 |
| 6 | Chicago & Northwestern | ----- | ----- | ----- | 2,113,646 | ----- | 2,113,646 |
| 1 | Dorthel Coal Co., No. 1 | Peoria | 2 | ----- | 204 | ----- | 204 |
| 2 | Dorthel Coal Co., No. 2 | Fulton | 3 | ----- | 1,203 | ----- | 1,203 |
| 3 | Dorthel Coal Co., No. 3 | Fulton | 3 | ----- | 458 | ----- | 458 |
| 4 | Superior Coal Co., No. 1 | Macoupin | 6 | ----- | 703,716 | ----- | 703,716 |
| 5 | Superior Coal Co., No. 2 | Macoupin | 6 | ----- | 690,572 | ----- | 690,572 |
| 6 | Superior Coal Co., No. 3 | Macoupin | 6 | ----- | 644,654 | ----- | 644,654 |
| 7 | Superior Coal Co., No. 4 | Macoupin | 6 | ----- | 72,839 | ----- | 72,839 |
| 7 | Chicago & Eastern Illinois | ----- | ----- | 1,253,827 | 135,319 | 2,206 | 1,391,352 |
| 1 | C., W. & F. Coal Co., No. 1 | Franklin | 10 | 14,087 | 5,592 | ----- | 19,679 |
| 2 | C., W. & F. Coal Co., No. 2 | Franklin | 10 | 25,285 | 10,385 | ----- | 35,670 |
| 3 | Franklin Mining Co. | Franklin | 10 | 95,339 | 26,955 | ----- | 122,294 |
| 4 | Indiana & Illinois Coal Corp., No. 10 | Montgomery | 6 | 58,427 | 28,232 | ----- | 86,659 |
| 5 | Livingston-Mt. Olive Coal Co. | Madison | 7 | 38,643 | 11,929 | ----- | 50,572 |
| 6 | Old Ben Coal Corp., No. 8 | Franklin | 10 | 17,591 | 6,713 | ----- | 24,304 |
| 7 | Old Ben Coal Corp., No. 14 | Franklin | 10 | 6,272 | ----- | ----- | 6,272 |
| 8 | Old Ben Coal Corp., No. 15 | Franklin | 10 | 6,272 | 1,274 | ----- | 7,546 |
| 9 | Old Ben Coal Corp., No. 18 | Williamson | 12 | 98 | ----- | ----- | 98 |
| 10 | Pana Coal Co. | Christian | 4 | 208 | ----- | ----- | 208 |
| 11 | Peabody Coal Co., No. 18 | Franklin | 10 | 4,299 | 4,675 | ----- | 8,974 |
| 12 | Peabody Coal Co., No. 19 | Franklin | 10 | 28,461 | 39,000 | ----- | 67,461 |
| 13 | Peabody Coal Co., No. 24 | Vermilion | 5 | 218,146 | ----- | ----- | 218,146 |
| 14 | Spillertown Coal Co. | Williamson | 12 | 250 | ----- | ----- | 250 |
| 15 | U. S. Fuel Co., "Bun" | Vermilion | 5 | 732,370 | ----- | 2,206 | 734,576 |
| 16 | West Frankfort Coal Co., No. 21 | Franklin | 10 | 8,079 | 564 | ----- | 8,643 |

TABLE 27—Continued.

| Number. | Railroads. | County. | District No. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---------|---|----------------|--------------|---------------|----------------------------------|--|----------------------------------|
| 8 | Chicago, Rock Island & Pacific..... | | | 527,909 | 847,094 | 21 | 1,375,024 |
| 1 | Buffalo Rock Coal Co..... | LaSalle..... | 1 | 5,080 | 141 | | 5,221 |
| 2 | Crescent Mining Co., No. 1..... | Peoria..... | 2 | | 257,177 | | 257,177 |
| 3 | Crescent Mining Co., No. 6..... | Peoria..... | 2 | | 582,374 | | 582,374 |
| 4 | Illinois Zinc Co..... | LaSalle..... | 1 | 14,472 | | | 14,472 |
| 5 | Midland Electric Coal Corp..... | Henry..... | 1 | 448,258 | 4,885 | 21 | 453,164 |
| 6 | Peabody Coal Co., No. 58..... | Christian..... | 4 | | 2,517 | | 2,517 |
| 7 | Union Coal Co..... | LaSalle..... | 1 | 60,099 | | | 60,099 |
| 9 | Wabash..... | | | 561,629 | 680,681 | | 1,272,210 |
| 1 | Consolidated Coal Co., No. 15..... | Macoupin..... | 6 | 430,624 | 282,373 | | 712,997 |
| 2 | Jefferson Coal Mining Co..... | Sangamon..... | 4 | | 4,030 | | 4,030 |
| 3 | Mine B Coal Co..... | Sangamon..... | 4 | 47,850 | 68,815 | | 116,665 |
| 4 | Panther Creek Mines, No. 4..... | Sangamon..... | 4 | 9,868 | 14,543 | | 24,411 |
| 5 | Panther Creek Mines, No. 5..... | Sangamon..... | 4 | 4,080 | 4,831 | | 8,911 |
| 6 | Peabody Coal Co., No. 53..... | Sangamon..... | 4 | 64,745 | 63,626 | | 128,371 |
| 7 | Peabody Coal Co., No. 58..... | Christian..... | 4 | | 190,951 | | 190,951 |
| 8 | Sangamon Coal Co., No. 2..... | Sangamon..... | 4 | 16,750 | 19,612 | | 36,392 |
| 9 | Tilton Mining Co..... | Vermilion..... | 5 | 17,682 | 31,800 | | 49,482 |
| 10 | Chicago & Alton..... | | | 535,509 | 363,732 | | 899,241 |
| 1 | Jefferson Coal Mining Co..... | Sangamon..... | 4 | | 5,231 | | 5,231 |
| 2 | Mine B Coal Co..... | Sangamon..... | 4 | 41,081 | 37,900 | | 78,981 |
| 3 | Northern Illinois Coal Corp..... | Will..... | 1 | 304,564 | 168,319 | | 472,883 |
| 4 | Panther Creek Mines, No. 4..... | Sangamon..... | 4 | 90,124 | 75,995 | | 166,119 |
| 5 | Panther Creek Mines, No. 5..... | Sangamon..... | 4 | 39,481 | 42,273 | | 81,754 |
| 6 | Peabody Coal Co., No. 53..... | Sangamon..... | 4 | 11,389 | 12,946 | | 24,335 |
| 7 | Peabody Coal Co., No. 58..... | Sangamon..... | 4 | 44,200 | 20,439 | | 64,639 |
| 8 | Virden Coal Co..... | Macoupin..... | 6 | 4,670 | 629 | | 5,299 |
| 11 | Illinois Terminal Co..... | | | 731,849 | 15,259 | | 747,108 |
| 1 | Chicopee Coal Co..... | Madison..... | 7 | 6,293 | | | 6,293 |
| 2 | Coal Stripping Co., No. 2..... | Vermilion..... | 5 | 11,572 | | | 11,572 |
| 3 | Gillespie Coal Co..... | Macoupin..... | 6 | 300,378 | | | 300,378 |
| 4 | Madison County Coal & Mining Co..... | Madison..... | 7 | 100,040 | 2,447 | | 102,487 |
| 5 | Panther Creek Mines, No. 4..... | Sangamon..... | 4 | 2,884 | | | 2,884 |
| 6 | Panther Creek Mines, No. 5..... | Sangamon..... | 4 | 2,192 | | | 2,192 |
| 7 | Peabody Coal Co., No. 53..... | Sangamon..... | 4 | 1,407 | | | 1,407 |
| 8 | Peabody Coal Co., No. 57..... | Sangamon..... | 4 | 99,838 | | | 99,838 |
| 9 | Perry Coal Co., "St. Ellen"..... | St. Clair..... | 8 | 168,687 | 12,812 | | 181,499 |
| 10 | Prairie Coal Co..... | St. Clair..... | 8 | 15,497 | | | 15,497 |
| 11 | Sangamon Coal Co., No. 2..... | Sangamon..... | 4 | 7,100 | | | 7,100 |
| 12 | United Electric Coal Co., No. 12..... | Vermilion..... | 5 | 15,961 | | | 15,961 |
| 12 | Minneapolis & St. Louis..... | | | 478,493 | 238,645 | | 717,138 |
| 1 | Dorthel Coal Co., No. 1..... | Peoria..... | 2 | 20,637 | 86,204 | | 106,841 |
| 2 | Dorthel Coal Co., No. 2..... | Fulton..... | 3 | 4,623 | 13,085 | | 17,708 |
| 3 | Dorthel Coal Co., No. 3..... | Fulton..... | 3 | 74,074 | 85,750 | | 159,824 |
| 4 | Golden Rule Coal Co..... | Fulton..... | 3 | 7,251 | | | 7,251 |
| 5 | Lake Erie Mining Co..... | Tazewell..... | 2 | | 185 | | 185 |
| 6 | Midland Electric Coal Corp..... | Fulton..... | 3 | 371,908 | 53,421 | | 425,329 |
| 13 | Atchison, Topeka & Santa Fe..... | | | 342,942 | 257,950 | | 600,892 |
| 1 | Galesburg Mining Co..... | Knox..... | 3 | 22,510 | 213,520 | | 236,030 |
| 2 | Northern Illinois Coal Corp..... | Will..... | 1 | 309,399 | 44,010 | | 353,409 |
| 3 | Roanoke Coal & Tile Co..... | Woodford..... | 2 | 10,003 | 420 | | 10,423 |
| 4 | Sutton, W. G..... | Woodford..... | 2 | 1,030 | | | 1,030 |
| 14 | Litchfield & Madison..... | | | 563,203 | | | 563,203 |
| 1 | Mt. Olive & Staunton Coal Co., No. 2..... | Madison..... | 7 | 563,203 | | | 563,203 |
| 15 | St. Louis & O'Fallon..... | | | 240,286 | 143,179 | 1,614 | 385,079 |
| 1 | St. Louis & O'Fallon Coal Co., No. 2..... | St. Clair..... | 8 | 240,286 | 143,179 | 1,614 | 385,079 |

TABLE 27—Continued.

| Number. | Railroads. | County. | District No. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---------|--|----------------|--------------|---------------|----------------------------------|--|----------------------------------|
| 16 | Chicago, Springfield & St. Louis..... | | | 184,514 | 176,259 | | 360,773 |
| | 1 Central Illinois Mining Co., "A"..... | Sangamon..... | 4 | 136,384 | 173,715 | | 310,099 |
| | 2 Mine B Coal Co..... | Sangamon..... | 4 | 40,901 | 2,544 | | 43,445 |
| | 3 Panther Creek Mines, No. 4..... | Sangamon..... | 4 | 4,760 | | | 4,760 |
| | 4 Panther Creek Mines, No. 5..... | Sangamon..... | 4 | 2,085 | | | 2,085 |
| | 5 Peabody Coal Co., No. 53..... | Sangamon..... | 4 | 384 | | | 384 |
| 17 | Pennsylvania Lines..... | | | 308,889 | 35,817 | | 344,706 |
| | 1 Bullock Mining Co..... | Madison..... | 7 | 3,802 | | | 3,802 |
| | 2 Illinois-Pocahontas Coal Co..... | Bond..... | 7 | 20,376 | 2,455 | | 22,831 |
| | 3 Lumaghi Coal Co., No. 2..... | Madison..... | 7 | 284,711 | 33,362 | | 318,073 |
| 18 | Springfield Terminal..... | | | 250,821 | 43,684 | 853 | 295,358 |
| | 1 Peabody Coal Co., No. 59..... | Sangamon..... | 4 | 250,821 | 43,684 | 853 | 295,358 |
| 19 | Elgin, Joliet & Eastern..... | | | | 262,128 | | 262,128 |
| | 1 U. S. Fuel Co., "Bun"..... | Vermilion..... | 5 | | 262,128 | | 262,128 |
| 20 | Chicago Great Western..... | | | | 260,629 | | 260,629 |
| | 1 Pyramid Coal Corp..... | Perry..... | 9 | | 260,629 | | 260,629 |
| 21 | Mobile & Ohio..... | | | 28,026 | 219,412 | | 247,438 |
| | 1 Home Coal Co..... | Perry..... | 9 | 7,270 | | | 7,270 |
| | 2 Moffat Coal Co..... | Randolph..... | 9 | 20,756 | 219,412 | | 240,168 |
| 22 | Baltimore & Ohio..... | | | 151,562 | 83,139 | | 234,701 |
| | 1 Beckemeyer Coal Co..... | Clinton..... | 8 | 17,764 | 453 | | 18,217 |
| | 2 Citizens Coal Co..... | Clinton..... | 8 | 37,958 | | | 37,958 |
| | 3 Jefferson Coal Mining Co..... | Sangamon..... | 4 | 48,620 | | | 48,620 |
| | 4 Norris City Coal Mining Co., No. 1..... | White..... | 10 | 8,442 | | | 8,442 |
| | 5 Odin Coal Co..... | Marion..... | 7 | 1,135 | | | 1,135 |
| | 6 Pana Coal Co..... | Christian..... | 4 | 2,698 | | | 2,698 |
| | 7 Panther Creek Mines, No. 4..... | Sangamon..... | 4 | 4,164 | | | 4,164 |
| | 8 Panther Creek Mines, No. 5..... | Sangamon..... | 4 | 531 | | | 531 |
| | 9 Peabody Coal Co., No. 53..... | Sangamon..... | 4 | 188 | | | 188 |
| | 10 Peabody Coal Co., No. 57..... | Sangamon..... | 4 | 24,388 | 38,988 | | 63,376 |
| | 11 Penwell Coal Mining Co..... | Christian..... | 4 | 2,201 | | | 2,201 |
| | 12 Perry Coal Co., "Carbon"..... | St. Clair..... | 8 | 3,473 | 43,698 | | 47,171 |
| 23 | Southern..... | | | 191,123 | 5,426 | | 196,549 |
| | 1 Guest Coal Co..... | St. Clair..... | 8 | 2,608 | | | 2,608 |
| | 2 Southern Coal, Coke & Mining Co., No. 7..... | St. Clair..... | 8 | 65,080 | | | 65,080 |
| | 3 Southern Coal, Coke & Mining Co., No. 9..... | Clinton..... | 8 | 123,435 | 5,426 | | 128,861 |
| 24 | Peoria & Pekin Union..... | | | 107,252 | 47,441 | | 154,693 |
| | 1 Crescent Mining Co., No. 1..... | Peoria..... | 2 | | 16,921 | | 16,921 |
| | 2 Crescent Mining Co., No. 6..... | Peoria..... | 2 | | 6,463 | | 6,463 |
| | 3 Dorthel Coal Co., No. 2..... | Fulton..... | 3 | | 100 | | 100 |
| | 4 Dorthel Coal Co., No. 3..... | Fulton..... | 3 | | 1,775 | | 1,775 |
| | 5 Lake Erie Mining Co..... | Tazewell..... | 2 | 107,252 | 22,182 | | 129,434 |
| 25 | Peoria Terminal..... | | | 148,090 | 3,113 | | 151,203 |
| | 1 Crescent Mining Co., No. 1..... | Peoria..... | 2 | 13,879 | 2,592 | | 16,471 |
| | 2 Crescent Mining Co., No. 6..... | Peoria..... | 2 | 134,211 | 521 | | 134,732 |
| 26 | Caseyville..... | | | 76,013 | 32,536 | 1,567 | 110,116 |
| | 1 Gundlach Coal Co..... | St. Clair..... | 8 | 76,013 | 32,536 | 1,567 | 110,116 |

TABLE 27—Concluded.

| Number. | Railroads. | County. | District No. | Tons shipped. | Tons sold to railroad companies. | Tons supplied to locomotives at the mines. | Total tons handled by railroads. |
|---------|------------------------------------|------------|--------------|---------------|----------------------------------|--|----------------------------------|
| 27 | Missouri & Illinois..... | | | 78,112 | 17,443 | | 95,555 |
| | 1 Coulterville Coal Co..... | Perry | 9 | 52,641 | 5,619 | | 58,260 |
| | 2 Illmo Coal Co..... | Randolph | 9 | 13,026 | 5,265 | | 18,291 |
| | 3 Marion County Coal Co..... | Marion | 7 | 3,365 | 1,209 | | 4,574 |
| | 4 St. Louis Coal Co..... | Randolph | 9 | 9,080 | 5,350 | | 14,430 |
| 28 | Louisville & Nashville..... | | | 42,312 | 17,076 | 29,942 | 89,330 |
| | 1 Clarkson Coal & Mining Co..... | Washington | 9 | 19,019 | 17,076 | 29,942 | 66,037 |
| | 2 Eldnar Coal Co..... | St. Clair | 8 | 5,081 | | | 5,081 |
| | 3 Rentchler Coal & Mining Co..... | St. Clair | 8 | 1,000 | | | 1,000 |
| | 4 Service Coal Co..... | St. Clair | 8 | 5,771 | | | 5,771 |
| | 5 White Coal Co..... | St. Clair | 8 | 11,441 | | | 11,441 |
| 29 | Toledo, Peoria & Western..... | | | 35,661 | 20,000 | | 55,661 |
| | 1 Livings & Smith..... | Fulton | 3 | 3,352 | | | 3,352 |
| | 2 Pschirrer & Sons..... | Fulton | 3 | 20,875 | 20,000 | | 40,875 |
| | 3 Reed Coal Co., E. A..... | Fulton | 3 | 5,646 | | | 5,646 |
| | 4 Sunnyside Coal Co..... | Fulton | 3 | 1,348 | | | 1,348 |
| | 5 Swords, Geo..... | Fulton | 3 | 4,440 | | | 4,440 |
| 30 | Belt Ry. Co..... | | | | 36,057 | | 36,057 |
| | 1 Midland Electric Coal Co..... | Henry | 1 | | 14,544 | | 14,544 |
| | 2 Northern Illinois Coal Corp..... | Will | 1 | | 11,329 | | 11,329 |
| | 3 Truax-Traer Coal Co..... | Fulton | 3 | | 10,184 | | 10,184 |
| 31 | Rock Island & Northern..... | | | 27,150 | 5,000 | 700 | 32,850 |
| | 1 Prairie State Coal Co..... | Putnam | 1 | 27,150 | 5,000 | 700 | 32,850 |
| 32 | Chicago, Milwaukee & St. Paul..... | | | 26,320 | 1,000 | | 27,320 |
| | 1 Prairie State Coal Co..... | Putnam | 1 | 26,320 | 1,000 | | 27,320 |
| 33 | St. Louis & Belleville..... | | | 4,070 | | | 4,070 |
| | 1 Quality Coal & Mining Co..... | St. Clair | 8 | 4,070 | | | 4,070 |
| 34 | Peoria & Eastern..... | | | 810 | 1,025 | | 1,835 |
| | 1 Oakwood Coal Co..... | Vermilion | 5 | 810 | 1,025 | | 1,835 |
| 35 | New York Central..... | | | 800 | | | 800 |
| | 1 Prairie State Coal Co..... | Putnam | 1 | 800 | | | 800 |
| 36 | B. M. & N. W..... | | | | 649 | | 649 |
| | 1 Midland Electric Coal Co..... | Henry | 1 | | 649 | | 649 |
| 37 | Alton & Southern..... | | | | 644 | | 644 |
| | 1 Mulberry Hill Coal Co..... | St. Clair | 8 | | 171 | | 171 |
| | 2 O. K. Coal Co..... | St. Clair | 8 | | 473 | | 473 |
| | The State..... | | | 22,545,627 | 12,084,553 | 99,831 | 34,730,011 |

TABLE 28—RAILROADS HANDLING THE COAL OF SHIPPING MINES.

| Railroads. | Number of— | | Total tons handled by rail- roads. | Tons shipped. | Tons sold to rail- roads. | Tons supplied to loco- motives. | Per cent handled by each railroad. |
|--|------------|--------|---|------------------|------------------------------------|--|---|
| | Counties. | Mines. | | | | | |
| The State..... | 29 | 172 | 34,730,011 | 22,545,627 | 12,084,553 | 99,831 | 100.00 |
| Illinois Central..... | 15 | 64 | 6,624,423 | 4,968,206 | 1,593,400 | 62,817 | 19.07 |
| Chicago, Burlington & Quincy..... | 8 | 32 | 5,472,471 | 3,423,046 | 2,049,425 | ----- | 15.76 |
| Chicago & Illinois Midland..... | 2 | 9 | 3,533,883 | 3,377,916 | 155,967 | ----- | 10.18 |
| Missouri Pacific..... | 4 | 31 | 3,128,663 | 1,845,254 | 1,283,298 | 111 | 9.01 |
| Cleveland, Cincinnati, Chicago & St. Louis..... | 7 | 16 | 2,942,613 | 2,004,033 | 938,580 | ----- | 8.47 |
| Chicago & Northwestern..... | 3 | 7 | 2,113,646 | ----- | 2,113,646 | ----- | 6.09 |
| Chicago & Eastern Illinois..... | 6 | 16 | 1,391,352 | 1,253,827 | 135,319 | 2,206 | 4.01 |
| Chicago, Rock Island & Pacific..... | 3 | 7 | 1,375,024 | 527,909 | 847,094 | 21 | 3.96 |
| Wabash..... | 4 | 9 | 1,272,210 | 591,629 | 680,581 | ----- | 3.66 |
| Chicago & Alton..... | 3 | 8 | 899,241 | 535,509 | 363,732 | ----- | 2.59 |
| Illinois Terminal Co..... | 5 | 12 | 747,108 | 731,849 | 15,259 | ----- | 2.15 |
| Minneapolis & St. Louis..... | 3 | 6 | 717,138 | 478,493 | 238,645 | ----- | 2.06 |
| Atchison, Topeka & Santa Fe..... | 3 | 4 | 600,892 | 342,942 | 257,950 | ----- | 1.73 |
| Litchfield & Madison..... | 1 | 1 | 563,203 | 563,203 | ----- | ----- | 1.62 |
| St. Louis & O'Fallon..... | 1 | 1 | 385,079 | 240,286 | 143,179 | 1,614 | 1.11 |
| Chicago, Springfield & St. Louis..... | 1 | 5 | 360,773 | 184,514 | 176,259 | ----- | 1.04 |
| Pennsylvania Lines..... | 2 | 3 | 344,706 | 308,889 | 35,817 | ----- | .99 |
| Springfield Terminal..... | 1 | 1 | 295,358 | 250,821 | 43,684 | 853 | .85 |
| Elgin, Joliet & Eastern..... | 1 | 1 | 262,128 | ----- | 262,128 | ----- | .75 |
| Chicago Great Western..... | 1 | 1 | 260,629 | ----- | 260,629 | ----- | .75 |
| Mobile & Ohio..... | 2 | 2 | 247,438 | 28,026 | 219,412 | ----- | .71 |
| Baltimore & Ohio..... | 6 | 12 | 234,701 | 151,562 | 83,139 | ----- | .68 |
| Southern..... | 2 | 3 | 196,549 | 191,123 | 5,426 | ----- | .57 |
| Peoria & Pekin Union..... | 3 | 5 | 154,693 | 107,252 | 47,441 | ----- | .45 |
| Peoria Terminal..... | 1 | 2 | 151,203 | 148,090 | 3,113 | ----- | .44 |
| Caseyville..... | 1 | 1 | 110,116 | 76,013 | 32,536 | 1,567 | .32 |
| Missouri & Illinois..... | 3 | 4 | 95,555 | 78,112 | 17,443 | ----- | .28 |
| Louisville & Nashville..... | 2 | 5 | 89,330 | 42,312 | 17,076 | 29,942 | .26 |
| Toledo, Peoria & Western..... | 1 | 5 | 55,661 | 35,661 | 20,000 | ----- | .16 |
| Belt..... | 3 | 3 | 36,057 | ----- | 36,057 | ----- | .10 |
| Rock Island & Northern..... | 1 | 1 | 32,850 | 27,150 | 5,000 | 700 | .09 |
| Chicago, Milwaukee & St. Paul..... | 1 | 1 | 27,320 | 26,320 | 1,000 | ----- | .08 |
| St. Louis & Belleville..... | 1 | 1 | 4,070 | 4,070 | ----- | ----- | .01 |
| Peoria & Eastern..... | 1 | 1 | 1,835 | 810 | 1,025 | ----- | ----- |
| New York Central..... | 1 | 1 | 800 | 800 | ----- | ----- | ----- |
| B. M. & N. W..... | 1 | 1 | 649 | ----- | 649 | ----- | ----- |
| Alton & Southern..... | 1 | 1 | 644 | ----- | 644 | ----- | ----- |

TABLE 29—METHODS OF MINING—NUMBER OF MINES, MACHINES AND TONS BY EACH METHOD—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

| District. | Machine exclusively. | | | Hand exclusively. | | Hand and machine. | | | Strip mines. | |
|------------------|----------------------|-----------|------------|-------------------|-----------|-------------------|-----------|-----------|--------------|-----------|
| | Mines. | Machines. | Tons. | Mines. | Tons. | Mines. | Machines. | Tons. | Mines. | Tons. |
| First..... | | | | 3 | 189,471 | 1 | 5 | 136,184 | 3 | 1,451,483 |
| Second..... | 5 | 67 | 1,413,977 | 2 | 103,260 | 1 | 2 | 51,702 | | |
| Third..... | 5 | 24 | 158,352 | 12 | 17,489 | 3 | 21 | 517,615 | 5 | 1,144,703 |
| Fourth..... | 8 | 68 | 4,554,231 | 7 | 1,424,059 | 1 | 1 | 78,339 | | |
| Fifth..... | 3 | 46 | 1,197,734 | | | 2 | 21 | 606,068 | 2 | 36,203 |
| Sixth..... | 11 | 65 | 3,921,804 | | | | | | | |
| Seventh..... | 7 | 50 | 1,568,707 | 1 | 15,887 | 1 | 10 | 51,184 | 1 | 28,109 |
| Eighth..... | 7 | 54 | 1,248,851 | 16 | 987,906 | 1 | 2 | 90,939 | 1 | 318 |
| Ninth..... | 11 | 75 | 1,819,931 | 10 | 117,504 | 2 | 30 | 351,902 | 8 | 2,960,608 |
| Tenth..... | 15 | 279 | 7,780,162 | | | | | | | |
| Eleventh..... | 8 | 164 | 2,468,527 | | | | | | 1 | 263,166 |
| Twelfth..... | 7 | 37 | 1,189,054 | 4 | 58,720 | 2 | 21 | 527,750 | 5 | 123,628 |
| Total..... | 87 | 929 | 27,321,330 | 45 | 2,914,296 | 14 | 113 | 2,411,683 | 26 | 6,008,218 |
| Local mines..... | 56 | 81 | 897,592 | 971 | 1,607,855 | 19 | 26 | 349,078 | 129 | 214,026 |
| The State..... | 143 | 1,010 | 28,218,922 | 1,016 | 4,522,151 | 33 | 139 | 2,760,761 | 155 | 6,222,244 |

TABLE 30—UNDERGROUND HAULAGE IN SHIPPING MINES—BY DISTRICTS.

| District. | Motors only. | | | Mules only. | | | Motors and mules. | | | |
|---------------|--------------|---------|--------------|-------------|--------|--------------|-------------------|---------|--------|--------------|
| | Number of— | | | Number of— | | | Number of— | | | |
| | Mines. | Motors. | Tons hauled. | Mines. | Mules. | Tons hauled. | Mines. | Motors. | Mules. | Tons hauled. |
| First..... | | | | 1 | 12 | 69,649 | 3 | 4 | 86 | 256,006 |
| Second..... | | | | | | | 8 | 26 | 150 | 1,568,939 |
| Third..... | | | | 2 | 4 | 23,345 | 8 | 19 | 109 | 670,111 |
| Fourth..... | 2 | 43 | 1,652,309 | | | | 14 | 103 | 263 | 4,404,320 |
| Fifth..... | | | | | | | 5 | 31 | 89 | 1,803,802 |
| Sixth..... | 1 | 21 | 358,912 | | | | 10 | 102 | 59 | 3,562,892 |
| Seventh..... | | | | 1 | 5 | 15,887 | 5 | 48 | 80 | 1,619,891 |
| Eighth..... | 1 | 11 | 149,092 | | 8 | 31,426 | 21 | 51 | 158 | 2,147,178 |
| Ninth..... | | | | 11 | 32 | 91,258 | 12 | 75 | 95 | 2,198,079 |
| Tenth..... | 11 | 337 | 6,798,152 | | | | 4 | 39 | 79 | 982,010 |
| Eleventh..... | 2 | 47 | 770,547 | | | | 6 | 125 | 133 | 1,697,980 |
| Twelfth..... | 3 | 64 | 1,128,002 | 5 | 17 | 37,662 | 5 | 10 | 35 | 609,860 |
| Total..... | 20 | 523 | 10,857,014 | 22 | 78 | 269,227 | 104 | 633 | 1,336 | 21,521,068 |

TABLE 31—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES—BY YEARS, 1907-1934.

| Year. | Mines operated. | Total tons mined. | Mined in strip mines. | | | | Machine mining. | | | | Motor haulage. | | | |
|-------|-----------------|-------------------|-----------------------|-------------|--------------|-------------|-----------------|----------------|----------------|--------------|----------------|--------------|--------------|--------------|
| | | | Number of— | | Per cent of— | | Number of— | | Per cent of— | | Number of— | | Per cent of— | |
| | | | Mines. | Tons mined. | Mines. | Tons mined. | Mines using. | Machines used. | Tons undercut. | Mines using. | Tons undercut. | Mines using. | Motors used. | Tons hauled. |
| 1907 | 411 | 46,436,839 | — | — | — | — | 101 | 1,105 | 14,490,454 | 24.6 | 31.2 | 75 | 129 | 16,542,575 |
| 1908 | 407 | 47,809,730 | — | — | — | — | 105 | 1,160 | 15,210,443 | 25.7 | 31.8 | 88 | 185 | 19,024,665 |
| 1909 | 384 | 47,955,562 | — | — | — | — | 107 | 1,246 | 16,407,692 | 27.9 | 34.2 | 96 | 210 | 21,892,462 |
| 1910 | 390 | 47,225,201 | — | — | — | — | 114 | 1,289 | 18,176,254 | 29.2 | 38.5 | 106 | 229 | 23,204,480 |
| 1911 | 387 | 48,758,657 | 1 | 45,153 | .3 | .1 | 126 | 1,430 | 19,998,259 | 32.6 | 41.0 | 137 | 316 | 29,310,173 |
| 1912 | 380 | 56,096,695 | 5 | 53,762 | 1.3 | .1 | 129 | 1,581 | 25,550,059 | 34.4 | 45.5 | 165 | 381 | 37,958,050 |
| 1913 | 371 | 60,515,416 | 4 | 117,790 | 1.1 | .2 | 140 | 1,689 | 30,228,520 | 38.1 | 50.0 | 185 | 466 | 46,194,737 |
| 1914 | 340 | 59,379,182 | 4 | 181,520 | 1.2 | .3 | 141 | 1,828 | 31,446,823 | 41.2 | 53.1 | 191 | 540 | 47,485,729 |
| 1915 | 280 | 56,172,556 | 2 | 195,486 | .7 | .3 | 131 | 1,686 | 34,057,426 | 47.1 | 60.8 | 173 | 604 | 47,239,554 |
| 1916 | 284 | 62,283,236 | 3 | 344,372 | 1.1 | .6 | 139 | 1,817 | 39,312,376 | 49.4 | 63.5 | 176 | 648 | 53,140,005 |
| 1917 | 324 | 77,412,054 | 5 | 419,475 | 1.5 | .6 | 151 | 1,920 | 47,232,880 | 47.3 | 61.3 | 200 | 744 | 67,196,756 |
| 1918 | 370 | 88,306,228 | 4 | 498,347 | 1.1 | .6 | 174 | 2,054 | 50,027,491 | 47.5 | 57.0 | 240 | 960 | 77,662,619 |
| 1919 | 373 | 73,751,721 | 3 | 393,894 | .8 | .5 | 199 | 2,124 | 42,993,172 | 53.8 | 58.6 | 259 | 1,114 | 66,686,930 |
| 1920 | 373 | 72,409,610 | 3 | 367,009 | .8 | .5 | 208 | 2,330 | 45,130,629 | 56.2 | 62.6 | 276 | 1,228 | 66,441,191 |
| 1921 | 389 | 78,339,082 | 3 | 437,006 | .8 | .6 | 235 | 2,760 | 50,243,470 | 60.9 | 64.5 | 280 | 1,406 | 71,329,567 |
| 1922 | 332 | 61,406,093 | 5 | 533,923 | 1.4 | .9 | 205 | 2,762 | 41,168,621 | 59.1 | 69.3 | 242 | 1,364 | 55,028,080 |
| 1923 | 374 | 73,410,837 | 6 | 895,608 | 1.6 | 1.2 | 241 | 3,049 | 51,057,868 | 65.5 | 70.4 | 285 | 1,547 | 70,863,815 |
| 1924 | 329 | 70,324,363 | 11 | 1,184,288 | 3.3 | 1.7 | 215 | 3,033 | 50,064,304 | 67.6 | 72.5 | 259 | 1,565 | 65,900,698 |
| 1925* | 255 | 100,012,299 | 18 | 4,722,597 | 7.1 | 4.7 | 163 | 2,540 | 74,826,357 | 69.6 | 78.5 | 195 | 1,360 | 92,155,121 |
| 1926 | 244 | 67,836,441 | 16 | 3,482,611 | 6.6 | 5.1 | 149 | 2,259 | 50,736,654 | 65.4 | 78.8 | 182 | 1,288 | 61,486,775 |
| 1927 | 241 | 44,926,433 | 15 | 2,756,410 | 6.2 | 6.1 | 151 | 2,397 | 32,681,281 | 66.8 | 77.5 | 180 | 1,250 | 40,144,446 |
| 1928 | 206 | 54,284,184 | 14 | 4,113,908 | 6.8 | 7.6 | 139 | 2,158 | 41,499,267 | 72.4 | 82.7 | 158 | 1,182 | 49,007,549 |
| 1929 | 200 | 59,075,995 | 17 | 5,250,501 | 8.5 | 8.9 | 139 | 1,989 | 45,907,457 | 76.0 | 85.3 | 156 | 1,281 | 52,426,315 |
| 1930 | 185 | 51,996,608 | 15 | 6,220,336 | 8.1 | 12.0 | 129 | 1,606 | 40,015,407 | 75.9 | 87.2 | 133 | 1,201 | 41,181,378 |
| 1931 | 167 | 43,073,058 | 16 | 6,548,798 | 9.6 | 15.2 | 111 | 1,385 | 32,587,944 | 73.5 | 89.2 | 123 | 1,205 | 35,459,159 |
| 1932 | 162 | 31,402,399 | 17 | 6,628,228 | 10.5 | 21.1 | 102 | 1,144 | 22,165,199 | 70.3 | 89.5 | 124 | 1,117 | 24,357,088 |
| 1933 | 159 | 35,390,677 | 20 | 5,599,066 | 12.6 | 15.8 | 94 | 1,014 | 26,972,132 | 67.6 | 90.5 | 117 | 1,044 | 29,459,870 |
| 1934 | 172 | 38,655,527 | 26 | 6,008,218 | 15.1 | 15.5 | 101 | 1,042 | 29,395,102 | 58.7 | 76.0 | 124 | 1,156 | 32,378,082 |

TABLE 32—EXPLOSIVES USED FOR BLASTING COAL FROM THE SOLID IN SHIPPING MINES—BY DISTRICTS.

| District. | Powder. | | | Permissibles. | | | Pellet powder. | | |
|-----------|---------|---------------|-----------------------|---------------|---------------|-------------------------|----------------|---------------|-------------------------|
| | Kegs. | Tons blasted. | Average tons per keg. | Pounds. | Tons blasted. | Average tons per pound. | Pounds. | Tons blasted. | Average tons per pound. |
| First | 5,797 | 69,649 | 12.0 | — | — | — | — | — | — |
| Second | 3,176 | 48,390 | 15.2 | — | — | — | 4,375 | 2,100 | 0.5 |
| Third | 2,740 | 42,370 | 15.5 | — | — | — | 48,900 | 32,047 | 0.7 |
| Fourth | 56,138 | 966,194 | 17.2 | 17,500 | 53,987 | 3.1 | 459,625 | 475,720 | 1.0 |
| Fifth | 555 | 9,818 | 17.7 | — | — | — | — | — | — |
| Sixth | — | — | — | — | — | — | — | — | — |
| Seventh | 550 | 15,887 | 27.4 | — | — | — | — | — | — |
| Eighth | 69,759 | 918,281 | 13.2 | — | — | — | 162,800 | 130,564 | 0.8 |
| Ninth | 6,486 | 132,598 | 20.4 | 1,175 | 7,280 | 6.2 | — | — | — |
| Tenth | — | — | — | — | — | — | — | — | — |
| Eleventh | — | — | — | — | — | — | — | — | — |
| Twelfth | 4,277 | 66,121 | 15.5 | 8,400 | 46,745 | 5.6 | — | — | — |
| Total | 149,508 | 2,269,308 | 15.2 | 27,075 | 108,012 | 4.0 | 675,700 | 640,431 | 0.9 |

TABLE 33—EXPLOSIVES USED FOR BLASTING COAL IN SHIPPING MINES WHERE COAL IS UNDERCUT BEFORE BLASTING.

| District. | Powder. | | | Permissibles. | | | Pellet powder. | | |
|---------------|---------|---------------|-----------------------|---------------|---------------|-------------------------|----------------|---------------|-------------------------|
| | Kegs. | Tons blasted. | Average tons per keg. | Pounds. | Tons blasted. | Average tons per pound. | Pounds. | Tons blasted. | Average tons per pound. |
| First..... | | | | | | | | | |
| Second..... | 931 | 69,528 | 74.7 | | | | 346,075 | 1,345,661 | 3.9 |
| Third..... | 5,170 | 389,897 | 75.4 | | | | 59,317 | 228,885 | 3.9 |
| Fourth..... | 3,001 | 204,441 | 68.1 | 12,000 | 22,277 | 1.9 | 2,457,750 | 4,330,245 | 1.8 |
| Fifth..... | 1,258 | 74,506 | 59.2 | 142,050 | 947,489 | 6.7 | 234,525 | 617,588 | 2.6 |
| Sixth..... | 2,452 | 259,174 | 105.7 | 384,000 | 2,782,817 | 7.2 | 124,121 | 577,097 | 4.6 |
| Seventh..... | 5,965 | 956,730 | 160.4 | 46,125 | 262,940 | 5.7 | 92,750 | 399,918 | 4.3 |
| Eighth..... | 7,930 | 716,061 | 90.3 | 2,750 | 15,346 | 5.6 | 83,700 | 176,752 | 2.1 |
| Ninth..... | 7,363 | 288,988 | 39.2 | 198,175 | 1,419,070 | 7.2 | 83,100 | 328,938 | 4.0 |
| Tenth..... | | | | 725,775 | 5,239,218 | 7.2 | | | |
| Eleventh..... | 79 | 14,892 | 188.5 | 169,180 | 1,663,113 | 9.8 | 110,700 | 790,355 | 7.1 |
| Twelfth..... | 160 | 13,098 | 81.9 | 136,425 | 717,091 | 5.3 | 133,350 | 466,037 | 3.5 |
| Total..... | 34,309 | 2,987,315 | 87.1 | 1,816,480 | 13,069,361 | 7.2 | 3,725,388 | 9,261,476 | 2.5 |

TABLE 34—EXPLOSIVES USED IN STRIP MINES—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

| District. | Tons mined by use of explosives. | Explosives used. | | | | Tons mined where no explosives were used. | Total tons in strip mines. |
|------------------|----------------------------------|------------------|----------------------|-----------------------|------------------|---|----------------------------|
| | | Powder—kegs. | Permissibles—pounds. | Pellet powder—pounds. | Dynamite—pounds. | | |
| First..... | 1,451,483 | 2,380 | | 28,100 | 2,475 | | 1,451,483 |
| Second..... | | | | | | | |
| Third..... | 710,974 | 2,268 | 25,950 | 100 | 1,985 | 433,729 | 1,144,703 |
| Fourth..... | | | | | | 36,203 | 36,203 |
| Fifth..... | | | | | | | |
| Sixth..... | | | | | | 28,109 | 28,109 |
| Seventh..... | | | | | | 318 | 318 |
| Eighth..... | | | 3,900 | 192,075 | 8,600 | 85,714 | 2,960,608 |
| Ninth..... | 2,874,894 | | | | | | |
| Tenth..... | | | | | | | |
| Eleventh..... | 263,166 | | | | 53 | | 263,166 |
| Twelfth..... | 29,053 | 57 | 225 | 800 | 200 | 94,575 | 123,628 |
| Total..... | 5,329,570 | 4,705 | 30,075 | 221,075 | 13,313 | 678,648 | 6,008,218 |
| Local mines..... | 94,282 | 630 | | 8,950 | 15 | 119,744 | 214,026 |
| The State..... | 5,423,852 | 5,335 | 30,075 | 230,025 | 13,328 | 798,392 | 6,222,244 |

TABLE 35—SUMMARY SHOWING THE AMOUNT AND KIND OF EXPLOSIVES
USED IN THE DIFFERENT METHODS OF MINING—SHIPPING MINES.

| | Powder. | | Permissibles. | | Pellet powder. | | Total tons mined. |
|--------------------------|---------|------------------|---------------|------------------|----------------|------------------|-------------------------|
| | Kegs. | Tons blasted. | Pounds. | Tons blasted. | Pounds. | Tons blasted. | |
| From solid..... | 149,508 | 2,269,308 | 27,075 | 108,012 | 675,700 | 640,431 | 3,017,751 |
| Undercut..... | 34,309 | 2,987,315 | 1,816,480 | 13,069,361 | 3,725,388 | 9,261,476 | 25,318,152 |
| Strip mines..... | 4,705 | 844,094 | 30,075 | 393,563 | 221,075 | 3,825,234 | 5,062,891 |
| By other explosives..... | | | | | | | 3,854,139 |
| No explosives used..... | | | | | | | 1,402,594 |
| Total..... | 188,522 | 6,100,717 | 1,873,630 | 13,570,936 | 4,622,163 | 13,727,141 | 38,655,527 |

TABLE 36—EXPLOSIVES USED IN LOCAL MINES—BY DISTRICTS.

| District. | Kind of explosive. | | | | Tons mined in— | | | Total tons. |
|---------------|--------------------|------------------------------|---------------------------|------------------------------|-------------------|----------------|-----------------|----------------|
| | Powder— kegs. | Pellet powder— pounds. | Dyna- mite— pounds. | Permis- sible— pounds. | Machine mines. | Hand mines. | Strip mines. | |
| First..... | 15,278 | 17,100 | | | 173,570 | 295,540 | 107,621 | 576,731 |
| Second..... | 14,242 | 30,225 | | | 279,725 | 150,252 | 2,600 | 432,577 |
| Third..... | 14,400 | 13,050 | | | 73,975 | 228,261 | 15,926 | 318,162 |
| Fourth..... | 12,565 | | | | 110,696 | 156,119 | | 266,815 |
| Fifth..... | 11,743 | 10,750 | | 3,750 | 95,478 | 192,377 | 6,256 | 294,111 |
| Sixth..... | 1,161 | | | | 6,059 | 41,934 | 590 | 48,583 |
| Seventh..... | 3,244 | 15,125 | 165 | | 183,583 | 96,027 | 435 | 280,045 |
| Eighth..... | 11,753 | 22,793 | | | 113,163 | 288,924 | 62,812 | 464,899 |
| Ninth..... | 3,647 | 6,950 | | | 45,434 | 65,372 | 2,000 | 112,806 |
| Tenth..... | | | | | | | 541 | 541 |
| Eleventh..... | 2,899 | 9,650 | | | 29,248 | 45,983 | 6,383 | 81,614 |
| Twelfth..... | 9,710 | 16,800 | | | 13,727 | 169,078 | 8,862 | 191,667 |
| Total..... | 100,642 | 142,443 | 165 | 3,750 | 1,124,658 | 1,729,867 | 214,026 | 3,068,551 |

| | | | | | | | | | | |
|--|-----|------------|-----|-----|------------|-------|-----|-----------|-----|-----------|
| 37 Rex Coal Co., No. 2 | 111 | 323,141 | 2 | 160 | 34,179 | 29 | 160 | 288,962 | 116 | 15,007 |
| 38 St. Louis Coal Co. | 12 | 127,470 | 1 | 111 | 20,081 | 22 | 116 | 112,463 | 247 | 210,355 |
| 39 Seymour Coal Co. | 8 | 286,363 | 12 | 176 | 151,779 | 8 | 247 | 55,927 | 154 | |
| 40 Southern Coal, Coke & Mining Co., No. 7 | 6 | 151,779 | | | | | | | | |
| 41 Superior Coal Co., No. 1 | 6 | 662,606 | | | | 108 | 224 | 662,606 | | |
| 42 Superior Coal Co., No. 2 | 6 | 726,125 | | | | 118 | 225 | 726,125 | | |
| 43 Superior Coal Co., No. 3 | 6 | 721,033 | | | | 117 | 228 | 721,033 | | |
| 44 Superior Coal Co., No. 4 | 6 | 76,684 | | | | 63 | 61 | 76,684 | | |
| 45 Union Colliery Co. | 9 | 863,248 | 20 | 186 | 863,248 | | | | | |
| 46 United States Fuel Co., "Bun" | 5 | 1,009,404 | | | | 14 | 178 | 54,491 | 123 | 954,913 |
| 47 Valier Coal Co., No. 1 | 10 | 878,163 | 22 | 133 | 878,163 | | | | | |
| 48 Wallace Coal Co. | 12 | 94,105 | 2 | 229 | 94,105 | | | | | |
| Total—48 mines | | 21,801,642 | 281 | 154 | 11,626,067 | 1,340 | 146 | 6,974,107 | 141 | 3,201,468 |
| 1933—61 mines | | 19,521,856 | 290 | 151 | 10,885,310 | 1,462 | 123 | 6,880,906 | 99 | 1,755,640 |

TABLE 38—MINES LOADING ENTIRE OUTPUT MECHANICALLY.

| Name of operator. | District. | Total tons mined. | Loading machines. | | Conveyors. | | Number employed. | Days worked. |
|---|-----------|-------------------|-------------------|--------------|--------------|--------------|------------------|--------------|
| | | | Number used. | Tons loaded. | Number used. | Tons loaded. | | |
| Bell & Zoller Coal Co., No. 1..... | 10 | 887,197 | 20 | 887,197 | ----- | ----- | 612 | 163 |
| Centralia Coal Co., No. 5..... | 9 | 230,876 | 6 | 221,422 | 3 | 9,454 | 219 | 146 |
| Chicago, Wilmington & Franklin Coal Co., No. 1..... | 10 | 579,235 | 14 | 451,640 | 24 | 127,595 | 542 | 126 |
| Chicago, Wilmington & Franklin Coal Co., No. 2..... | 10 | 1,206,619 | 31 | 1,035,872 | 35 | 170,747 | 1,051 | 133 |
| Consolidated Coal Co. of St. Louis, No. 15..... | 6 | 789,442 | 13 | 789,442 | ----- | ----- | 565 | 205 |
| Gillespie Coal Co..... | 6 | 318,866 | ----- | ----- | 33 | 318,866 | 218 | 269 |
| Gundlach Coal Co..... | 8 | 134,932 | 7 | 134,932 | ----- | ----- | 129 | 165 |
| Home Coal Co..... | 9 | 10,170 | 1 | 10,170 | ----- | ----- | 22 | 91 |
| Indiana & Illinois Coal Corp., No. 10..... | 6 | 358,912 | 9 | 268,712 | 6 | 90,200 | 565 | 145 |
| Old Ben Coal Corp., No. 8..... | 10 | 688,555 | 6 | 239,251 | 73 | 449,304 | 545 | 159 |
| Old Ben Coal Corp., No. 14..... | 10 | 74,505 | ----- | ----- | 74 | 74,505 | 455 | 23 |
| Old Ben Coal Corp., No. 15..... | 10 | 680,711 | ----- | ----- | 100 | 680,711 | 508 | 176 |
| Old Ben Coal Corp., No. 18..... | 12 | 445,978 | ----- | ----- | 100 | 445,978 | 551 | 93 |
| Peabody Coal Co., No. 7..... | 4 | 986,122 | 15 | 954,291 | 4 | 31,831 | 527 | 222 |
| Peabody Coal Co., No. 9..... | 4 | 1,016,754 | 15 | 886,198 | 5 | 130,556 | 507 | 221 |
| Peabody Coal Co., No. 18..... | 10 | 61,868 | 9 | 35,116 | 32 | 26,752 | 567 | 40 |
| Peabody Coal Co., No. 51..... | 4 | 50,437 | ----- | ----- | 36 | 50,437 | 234 | 35 |
| Peabody Coal Co., No. 53..... | 4 | 238,242 | ----- | ----- | 50 | 238,242 | 327 | 129 |
| Peabody Coal Co., No. 57..... | 4 | 302,357 | ----- | ----- | 53 | 302,357 | 368 | 162 |
| Peabody Coal Co., No. 58..... | 4 | 787,503 | 12 | 787,503 | ----- | ----- | 383 | 246 |
| Peabody Coal Co., No. 59..... | 4 | 308,010 | ----- | ----- | 55 | 308,010 | 358 | 156 |
| Perry Coal Co., "Carbon"..... | 8 | 83,067 | ----- | ----- | 20 | 83,067 | 111 | 144 |
| Perry Coal Co., "St. Ellen"..... | 8 | 370,692 | 6 | 325,910 | 4 | 44,782 | 235 | 267 |
| Rex Coal Co., No. 2..... | 11 | 323,141 | 2 | 34,179 | 29 | 288,962 | 323 | 160 |
| Southern Coal, Coke & Mining Co., No. 7..... | 8 | 151,779 | 12 | 151,779 | ----- | ----- | 123 | 176 |
| Superior Coal Co., No. 1..... | 6 | 662,606 | ----- | ----- | 108 | 662,606 | 565 | 224 |
| Superior Coal Co., No. 2..... | 6 | 726,125 | ----- | ----- | 118 | 726,125 | 645 | 235 |
| Superior Coal Co., No. 3..... | 6 | 721,033 | ----- | ----- | 117 | 721,033 | 685 | 228 |
| Superior Coal Co., No. 4..... | 6 | 76,684 | ----- | ----- | 63 | 76,684 | 339 | 61 |
| Union Colliery Co..... | 9 | 863,248 | 20 | 863,248 | ----- | ----- | 540 | 186 |
| Valter Coal Co., No. 1..... | 10 | 878,163 | 22 | 878,163 | ----- | ----- | 516 | 133 |
| Wallace Coal Co..... | 12 | 94,105 | 2 | 94,105 | ----- | ----- | 37 | 229 |
| Total—32 mines..... | ----- | 15,107,934 | 222 | 9,049,130 | 1,142 | 6,058,804 | 13,372 | 161 |
| 1933—32 mines..... | ----- | 13,344,573 | 193 | 7,652,407 | 1,120 | 5,692,166 | 13,202 | 157 |

TABLE 39—METHODS OF LOADING IN SHIPPING MINES.

| District. | Total output. | Loading machines. | | Conveyors. | | Loaded by hand—tons. | Mined in strip mines—tons. | Percent loaded by— | | | |
|---------------|---------------|-------------------|--------------|--------------|--------------|----------------------|----------------------------|--------------------|------------|-------|--------------|
| | | Number used. | Tons loaded. | Number used. | Tons loaded. | | | Loading machines. | Conveyors. | Hand. | Strip mines. |
| First..... | 1,777,138 | ----- | ----- | ----- | ----- | 325,655 | 1,451,483 | ----- | ----- | 18.3 | 81.7 |
| Second..... | 1,568,939 | ----- | ----- | ----- | ----- | 1,568,939 | ----- | ----- | ----- | 100.0 | ----- |
| Third..... | 1,838,159 | 1 | 4,000 | ----- | ----- | 689,456 | 1,144,703 | 0.2 | ----- | 37.5 | 62.3 |
| Fourth..... | 6,056,629 | 50 | 3,287,876 | 205 | 1,061,914 | 1,706,839 | ----- | 54.3 | 17.5 | 28.2 | ----- |
| Fifth..... | 1,840,005 | 12 | 423,889 | 33 | 144,360 | 1,235,553 | 36,203 | 23.1 | 7.8 | 67.1 | 2.0 |
| Sixth..... | 3,921,804 | 22 | 1,058,154 | 445 | 2,595,514 | 268,136 | ----- | 27.0 | 66.2 | 6.8 | ----- |
| Seventh..... | 1,663,887 | 19 | 808,387 | 41 | 334,132 | 493,259 | 28,109 | 48.6 | 20.1 | 29.6 | 1.7 |
| Eighth..... | 2,328,014 | 25 | 612,621 | 24 | 127,849 | 1,587,226 | 318 | 26.3 | 5.5 | 68.2 | ----- |
| Ninth..... | 5,249,945 | 27 | 1,094,840 | 25 | 121,917 | 1,072,580 | 2,960,608 | 20.9 | 2.3 | 20.4 | 56.4 |
| Tenth..... | 7,780,162 | 109 | 3,785,793 | 383 | 1,579,801 | 2,414,568 | ----- | 48.7 | 20.3 | 31.0 | ----- |
| Eleventh..... | 2,731,693 | 2 | 34,179 | 29 | 288,962 | 2,145,356 | 263,166 | 1.3 | 10.6 | 78.5 | 9.6 |
| Twelfth..... | 1,899,152 | 14 | 516,328 | 155 | 719,658 | 539,538 | 123,628 | 27.2 | 37.9 | 28.4 | 6.5 |
| Total..... | 38,655,527 | 280 | 11,626,067 | 1,340 | 6,974,107 | 14,047,135 | 6,008,218 | 30.1 | 18.0 | 36.3 | 15.6 |

TABLE 40—MECHANICAL LOADING FOR SEVEN YEARS—1928-1934.

| Year. | Entire output. | | | Part of output. | | | Total. | | | Per cent of— | |
|-----------|----------------|----------------|-----------------|-----------------|----------------|-----------------|--------|----------------|-----------------|--------------|-----------------|
| | Mines. | Ma- chines. | Tons loaded. | Mines. | Ma- chines. | Tons loaded. | Mines. | Ma- chines. | Tons loaded. | Mines. | Tons loaded. |
| 1928..... | 17 | 177 | 2,299,720 | 37 | 815 | 4,442,434 | 54 | 992 | 6,742,154 | 26.2 | 12.4 |
| 1929..... | 22 | 603 | 5,882,615 | 51 | 1,525 | 11,947,755 | 73 | 2,128 | 17,830,368 | 36.5 | 30.2 |
| 1930..... | 31 | 1,307 | 13,839,912 | 38 | 931 | 9,665,969 | 69 | 2,238 | 23,249,881 | 37.3 | 44.7 |
| 1931..... | 36 | 1,504 | 15,138,330 | 38 | 916 | 7,307,452 | 74 | 2,420 | 22,445,782 | 49.3 | 52.1 |
| 1932..... | 41 | 1,702 | 10,899,555 | 27 | 578 | 4,513,101 | 68 | 2,280 | 15,412,656 | 42.0 | 49.1 |
| 1933..... | 32 | 1,313 | 13,344,573 | 19 | 439 | 4,421,643 | 51 | 1,752 | 17,766,216 | 32.1 | 50.2 |
| 1934..... | 32 | 1,364 | 15,107,934 | 16 | 257 | 3,492,240 | 48 | 1,621 | 18,600,174 | 27.9 | 48.1 |

TABLE 41—METHOD OF LOADING IN SHIPPING MINES FOR SEVEN YEARS—1928-1934.

| Year. | Loading machines. | | | By hand. | | Strip mines. | | Per cent of output loaded. | | |
|-----------|-------------------|----------------|-----------------|----------|-----------------|--------------|----------------|----------------------------|-------------|-----------------|
| | Mines. | Ma- chines. | Tons loaded. | Mines. | Tons loaded. | Mines. | Tons mined. | By ma- chine. | By hand. | Strip mines. |
| 1928..... | 54 | 992 | 6,742,154 | 137 | 43,298,013 | 15 | 4,244,017 | 12.4 | 79.8 | 7.8 |
| 1929..... | 73 | 2,128 | 17,830,368 | 160 | 35,995,126 | 17 | 5,250,501 | 30.2 | 60.9 | 8.9 |
| 1930..... | 69 | 2,238 | 23,249,881 | 139 | 22,526,391 | 15 | 6,220,336 | 44.7 | 43.3 | 12.0 |
| 1931..... | 74 | 2,420 | 22,445,782 | 114 | 14,078,400 | 16 | 6,548,798 | 52.1 | 32.7 | 15.2 |
| 1932..... | 68 | 2,280 | 15,412,656 | 104 | 9,361,515 | 17 | 6,628,228 | 49.1 | 29.8 | 21.1 |
| 1933..... | 51 | 1,752 | 17,766,216 | 88 | 12,025,455 | 20 | 5,599,006 | 50.2 | 34.0 | 15.8 |
| 1934..... | 48 | 1,621 | 18,600,174 | 98 | 14,047,135 | 26 | 6,008,218 | 48.1 | 36.3 | 15.6 |

TABLE 42—PHYSICAL AND MECHANICAL CHARACTERISTICS OF SHIPPING MINES.

| Number. | County, district, name of operator and mine. | Post office address of mine. | Tons of coal produced. | Num- ber of seam. | Thick- ness of seam in feet. | Shaft, slope, drift or strip. | Depth of shaft in feet. | Long- wall or pillar and room. | Mining. | Haulage. | Hoisting. | Loading. | Open or closed lights. | Is mine rock dusted? |
|---------|---|------------------------------------|------------------------------|----------------------------|---|---|-------------------------------------|---|---------|----------|-----------|----------|---------------------------------|-------------------------------|
| | | | | | | | | | | | | | | |
| 1 | Bond County— Illinois-Pocahontas Coal Co. | Pocahontas. | 28,612 | 6 | 7' 0" | Shaft | 420 P. R. | Machine | Both | Both | Steam | Both | Open | No |
| 2 | Christian County— Pana Coal Co. | Pana. | 127,182 | 6 | 7' 6" | Shaft | 729 P. R. | Hand Machine | Both | Both | Steam | Hand | Open | No |
| | Peabody Coal Co., No. 7 | Kincaid. | 986,122 | 6 | 6' 6" | Shaft | 370 P. R. | Machine | Motor | Motor | Electric | Both | Open | Yes |
| | Peabody Coal Co., No. 8 | Tovey. | 864,806 | 7 | 6' 6" | Shaft | 360 P. R. | Machine | Motor | Motor | Electric | Both | Open | Yes |
| | Peabody Coal Co., No. 9 | Taylorville. | 1,016,754 | 6 | 7' 0" | Shaft | 410 P. R. | Machine | Motor | Motor | Electric | Machine | Open | Yes |
| | Peabody Coal Co., No. 58 | Taylorville. | 787,503 | 6 | 7' 0" | Shaft | 446 P. R. | Machine | Motor | Motor | Steam | Machine | Open | Yes |
| | Penwell Coal Mining Co. | Pana. | 78,339 | 6 | 7' 6" | Shaft | 732 P. R. | Both | Both | Both | Steam | Hand | Open | No |
| 3 | Clinton County— Beckemeyer Coal Co. | Beckemeyer. | 55,919 | 6 | 7' 6" | Shaft | 450 P. R. | Machine | Both | Both | Steam | Hand | Open | No |
| | Citizens Coal Co. | Breese. | 79,239 | 6 | 7' 6" | Shaft | 435 P. R. | Machine | Both | Both | Steam | Hand | Open | No |
| | Southern Coal, Coke & Mining Co., No. 9. | New Baden. | 149,092 | 6 | 7' 0" | Shaft | 318 P. R. | Machine | Motor | Motor | Steam | Hand | Open | No |
| 4 | Franklin County— Bell & Zoller Coal & Mining Co., No. 1 | Zeigler. | 887,197 | 6 | 9' 0" | Shaft | 400 P. R. | Machine | Machine | Motor | Steam | Machine | Closed | Yes |
| | Bell & Zoller Coal & Mining Co., No. 2. | Zeigler. | 890,270 | 6 | 9' 0" | Shaft | 350 P. R. | Machine | Machine | Motor | Steam | Both | Closed | Yes |
| | Breverton Coal Co., No. 22 | Sesser. | 195,954 | 6 | 9' 0" | Shaft | 693 P. R. | Machine | Machine | Motor | Steam | Hand | Closed | Yes |
| | Chicago, Wilmington & Franklin Coal Co., No. 1. | Orient. | 579,235 | 6 | 9' 6" | Shaft | 520 P. R. | Machine | Machine | Motor | Steam | Both | Closed | Yes |
| | Chicago, Wilmington & Franklin Coal Co., No. 2. | W. Frankfort. | 1,206,619 | 6 | 9' 2" | Shaft | 500 P. R. | Machine | Machine | Motor | Electric | Machine | Closed | Yes |
| | Franklin County Coal Co., Inc., No. 5 | Herrin. | 391,819 | 6 | 9' 6" | Shaft | 349 P. R. | Machine | Both | Both | Steam | Both | Closed | No |
| | Franklin County Coal Co., Inc., No. 7 | Royalton. | 519,446 | 6 | 9' 6" | Shaft | 315 P. R. | Machine | Both | Both | Steam | Both | Closed | No |
| | Franklin Mining Co. | Benton. | 153,925 | 6 | 6' 6" | Shaft | 640 P. R. | Machine | Motor | Motor | Electric | Machine | Closed | Yes |
| | Old Ben Coal Corp., No. 8 | W. Frankfort. | 688,555 | 6 | 8' 8" | Shaft | 442 P. R. | Machine | Motor | Motor | Electric | Machine | Closed | Yes |
| | Old Ben Coal Corp., No. 14 | Buckner. | 74,505 | 6 | 8' 11" | Shaft | 459 P. R. | Machine | Motor | Motor | Electric | Machine | Closed | Yes |
| | Old Ben Coal Corp., No. 15 | W. Frankfort. | 680,711 | 6 | 8' 10" | Shaft | 418 P. R. | Machine | Motor | Motor | Steam | Machine | Closed | Yes |
| | Peabody Coal Co., No. 18 | W. Frankfort. | 61,868 | 6 | 9' 0" | Shaft | 512 P. R. | Machine | Both | Both | Steam | Machine | Closed | Yes |
| | Peabody Coal Co., No. 19 | W. Frankfort. | 274,398 | 6 | 9' 0" | Shaft | 496 P. R. | Machine | Motor | Motor | Steam | Machine | Closed | Yes |
| | Valley Coal Co., No. 1. | Valley. | 878,193 | 6 | 7' 6" | Shaft | 600 P. R. | Machine | Motor | Motor | Electric | Machine | Closed | Yes |
| | West Frankfort Coal Co., No. 21. | W. Frankfort. | 197,467 | 6 | 9' 0" | Shaft | 500 P. R. | Machine | Machine | Motor | Steam | Hand | Closed | Yes |

| | | | | | | | | | | | | | |
|----|---|---|--------------------------------------|--|--|--|--|--|--|---|---|--|--|
| | Canton..... | 46,591 | 5 | 4' | 6" | Shaft | 75 P. R. | Machine | Both | Electric | Hand | Open | No |
| | Canton..... | 38,905 | 5 | 4' | 0" | Shaft | 180 P. R. | Machine | Both | Steam | Hand | Open | No |
| | Farmington..... | 18,867 | 5 | 4' | 0" | Shaft | 93 P. R. | Machine | Both | Electric | Hand | Open | No |
| | Dortheil Coal Co., No. 2..... | 165,211 | 5 | 4' | 0" | Shaft | 100 P. R. | Both | Both | Electric | Hand | Open | No |
| | Middle Grove..... | 11,402 | 5 | 4' | 0" | Shaft | 79 P. R. | Machine | Mule | Electric | Hand | Open | No |
| | Illinois Colliery Co..... | 40,653 | 5 | 4' | 1" | Shaft | 185 P. R. | Both | Both | Steam | Hand | Open | No |
| | Livings-Smith..... | 3,809 | 5 | 5' | 0" | Strip | | | | | | | |
| | Midland Electric Coal Corp., No. 2..... | 433,729 | 6 | 4' | 6" | Strip | | | | | | | |
| | Pechriller & Sons..... | 45,387 | 6 | 4' | 8" | Shaft | 90 P. R. | Machine | Both | Electric | Hand | Open | No |
| | Reed Coal Co., E. A..... | 5,746 | 5 | 4' | 6" | Slope | P. R. | Hand | Both | Gas, | Hand | Open | No |
| | Sunnyside Coal Co..... | 11,743 | 5 | 4' | 8" | Slope | | Hand | Mule | Gas, | Hand | Open | No |
| | Cuba..... | 9,440 | 5 | 4' | 6" | Strip | | | | | | | |
| | Swordy, Geo..... | 360,907 | 5 | 4' | 6" | Strip | | | | | | | |
| | Truax-Tracer Coal Co..... | 336,818 | 5 | 4' | 10" | Strip | | | | | | | |
| | United Electric Coal Co., No. 9..... | | | | | | | | | | | | |
| 6 | Henry County— Midland Electric Coal Corp. Shuler Coal Mining Co..... | 489,968 69,649 | 2 1 | 2' 4' | 9" 8" | Strip Shaft | 265 P. R. | Hand | Mule | Electric | Hand | Open | No |
| 7 | Jackson County— Penceck Coal Co..... Truax-Tracer Coal Co., No. 1..... Truax-Tracer Coal Co., No. 2..... Union Colliery Co..... | 3,035 246,864 365,921 863,248 | 6 6 5 6 | 6' 5' 0' 8' | 0" 0" Strip Shaft | | P. R. | Machine | Pony | Steam | Hand | Open | No |
| | Knox County— Galesburg Mining Co..... | 311,751 | 1 | 4' | 4" | Shaft | 115 P. R. | Both | Both | Steam | Hand | Open | No |
| 9 | LaSalle County— Buffalo Rock Coal Co..... Illinois Zinc Co., No. 3..... Union Coal Co..... | 14,714 38,909 136,184 | 2 2 2 | 1' 3' 3' | 10" 4" 6" | Strip Shaft Shaft | 338 L. W. 400 L. W. | Hand Both | Both | Electric Electric | Hand Hand | Open Open | No No |
| 10 | Macon County— Macon County Coal Co..... | 164,401 | 5 | 4' | 6" | Shaft | 600 L. W., P. R. | Machine | Both | Steam | Hand | Open | No |
| 11 | Macoupin County— Consolidated Coal Co., No. 15..... Gillespie Coal Co..... Mt. Olive Coal Co..... Superior Coal Co., No. 1..... Superior Coal Co., No. 2..... Superior Coal Co., No. 3..... Superior Coal Co., No. 4..... Virden Coal Co..... | 789,442 318,866 18,450 662,006 726,125 721,033 76,684 48,565 | 6 6 6 6 6 6 6 6 | 7' 6' 8' 7' 7' 6' 6' 6' | 6" 6" Shaft Shaft 0" 5" 7" 0" 6" | Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft | 375 P. R. 347 P. R. 420 P. R. 338 P. R. 321 P. R. 321 P. R. 314 P. R. 326 P. R. | Machine Machine Machine Machine Machine Machine Machine Machine | Motor Both Both Both Both Both Motor Both | Steam Electric Steam Steam Steam Steam Steam Steam | Machine Machine Hand Machine Machine Machine Machine Machine | Open Open Open Open Open Open Open Open | No No No No No No No No |

TABLE 42—Continued.

| Number. | County, district, name of operator and mine. | Post office address of mine. | Tons of coal produced. | Num- ber of seam. | Thick- ness of seam in feet. | Shaft, slope, drift or strip. | Depth of shaft in feet. | Long- wall or pillar and room. | Mining. | Haulage. | Hoisting. | Loading. | Open or closed lights. | Is mine rock dusted? |
|---------|---|------------------------------------|------------------------------|----------------------------|---|---|-------------------------------------|---|---------|----------|-----------|----------|---------------------------------|-------------------------------|
| 12 | Madison County— Bullock Mining Co. Chicopee Coal Co. Livingston-Mt. Olive Coal Co. Lumaghi Coal Co., No. 2 Madison County Coal & Mining Co. Mt. Olive & Staunton Coal Co. Stiers Bros. Construction Co. | Collinsville | 15,887 | 6 | 6' 6" | Shaft | 165 P. R. | Hand | Machine | Mule | Steam | Hand | Open | No |
| | | Troy | 49,964 | 6 | 5' 6" | Shaft | 287 P. R. | Machine | Machine | Both | Steam | Hand | Open | No |
| | | Livingston | 180,524 | 6 | 6' 2" | Shaft | 287 P. R. | Machine | Machine | Motor | Steam | Hand | Open | No |
| | | Collinsville | 373,006 | 6 | 8' 0" | Shaft | 197 P. R. | Machine | Machine | Both | Steam | Both | Open | No |
| | | Edwardsville | 110,797 | 6 | 5' 6" | Shaft | 230 P. R. | Machine | Machine | Motor | Steam | Hand | Open | No |
| | | Staunton | 584,226 | 6 | 6' 0" | Shaft | 525 P. R. | Machine | Machine | Both | Steam | Both | Open | Yes |
| 13 | Marion County— Marion County Coal Co. Odm Coal Co. | Centralia | 241,578 | 6 | 6' 6" | Shaft | 600 P. R. | Machine | Machine | Both | Steam | Both | Open | No |
| | | Odm | 51,184 | 6 | 6' 6" | Shaft | 714 P. R. | Machine | Machine | Both | Steam | Hand | Open | No |
| 14 | Montgomery County— Hillsboro Coal Co. Ind. & Ill. Coal Corp., No. 10. | Hillsboro | 190,759 | 6 | 7' 6" | Shaft | 472 P. R. | Machine | Machine | Both | Steam | Hand | Open | No |
| | | Nokomis | 358,912 | 6 | 8' 0" | Shaft | 640 P. R. | Machine | Machine | Motor | Electric | Machine | Open | No |
| 15 | Peoria County— Crescent Mining Co., No. 1 Crescent Mining Co., No. 6 Dorthel Coal Co., No. 1 Glenwood Mining Co., No. 3 | Peoria | 295,886 | 5 | 4' 4" | Slope | --- | Machine | Machine | Both | Electric | Hand | Open | No |
| | | Peoria | 785,092 | 5 | 4' 4" | Slope | --- | Machine | Machine | Both | Electric | Hand | Open | No |
| | | Hanna City | 120,484 | 5 | 4' 0" | Shaft | 240 | Machine | Machine | Both | Electric | Hand | Open | No |
| | | Edwards | 51,702 | 5 | 4' 0" | Drift | --- | Machine | Machine | Both | Electric | Hand | Open | No |
| | | Peoria | 1,927 | 5 | 4' 0" | Drift | --- | Machine | Machine | Both | Electric | Hand | Open | No |
| 16 | Perry County— Bailey Bros. Coal Co. Beaucoup Coal Co. Bibby Coal Co. Briar Hill Coal Mining Co., No. 45 Coal Stripping Co., No. 1 Conant Coal Co. Coulterville Coal Co. Crenar-Clinch Coal Co., No. 14 Crenar-Clinch Coal Co., No. 15 Cutler Coal Co., Inc. | DuQuoin | 4,930 | 6 | 5' 0" | Shaft | 75 P. R. | Hand | Hand | Mule | Steam | Hand | Open | No |
| | | Pineknayville | 16,119 | 6 | 6' 6" | Shaft | 146 P. R. | Hand | Hand | Mule | Steam | Hand | Open | No |
| | | Pineknayville | 3,173 | 6 | 7' 0" | Shaft | 90 P. R. | Hand | Hand | Mule | Steam | Hand | Open | No |
| | | Pineknayville | 17,041 | 6 | 6' 6" | Shaft | 152 P. R. | Hand | Hand | Both | Steam | Hand | Open | No |
| | | Pineknayville | 372,142 | 6 | 5' 0" | Strip | --- | Machine | Machine | Both | Electric | Hand | Open | No |
| | | Conant | 1,927 | 6 | 5' 0" | Strip | --- | Machine | Machine | Both | Electric | Hand | Open | No |
| | | Coulterville | 127,970 | 6 | 6' 6" | Shaft | 110 P. R. | Machine | Machine | Mule | Electric | Hand | Open | No |
| | | Coulterville | 287,970 | 6 | 6' 6" | Shaft | 287 P. R. | Machine | Machine | Both | Steam | Hand | Open | Yes |
| | | DuQuoin | 332,226 | 6 | 7' 0" | Shaft | 412 P. R. | Machine | Machine | Both | Steam | Hand | Both | Yes |
| | | DuQuoin | 45,600 | 6 | 5' 0" | Strip | --- | Machine | Machine | Both | Steam | Hand | Open | No |
| | | Cutler | 103,671 | 6 | 6' 0" | Shaft | 120 P. R. | Machine | Machine | Both | Steam | Hand | Open | No |

| | | | | | | | | | | | |
|---|--------------------|----------|---|--------------|-----------|---------|-------|----------|---------|--------|-----|
| Home Coal Co., No. 8..... | Willisville..... | 10, 170 | 6 | 6' 0" Shaft | 80 P. R. | Machine | Both | Steam | Machine | Open | No |
| Imperial Coal Co..... | Tamara..... | 742 | 6 | 5' 6" Shaft | 210 P. R. | Hand | Mule | Steam | Hand | Open | No |
| Perfection Coal Co..... | DuQuoin..... | 83, 774 | 6 | 6' 0" Strip | | | | | | | |
| Pyramid Coal Corp..... | Pinckneyville..... | 923, 001 | 6 | 6' 0" Shaft | 51 P. R. | Hand | Mule | Steam | Hand | Open | No |
| Ring Coal Co..... | Cutler..... | 12, 800 | 6 | 5' 6" Shaft | | | | | | | |
| Talbot Coalery Co..... | DuQuoin..... | 1, 940 | 6 | 6' 0" Strip | 238 P. R. | Hand | Mule | Steam | Hand | Open | No |
| Tamara Coal Co..... | DuQuoin..... | 3, 980 | 6 | 5' 6" Shaft | | | | | | | |
| United Electric Coal Co., No. 11..... | DuQuoin..... | 921, 366 | 6 | 7' 10" Strip | 130 P. R. | Hand | Mule | Steam | Hand | Open | No |
| Whip-Poor-Will Coal & Mining Co..... | Cutler..... | 17, 554 | 6 | 5' 8" Shaft | 255 P. R. | Both | Both | Electric | Hand | Open | No |
| Winkle Coal Co..... | Swanwick..... | 19, 676 | 6 | 7' 6" Shaft | | | | | | | |
| 17 Putnam County— | | | | | | | | | | | |
| Prairie State Coal Co..... | Granville..... | 80, 913 | 3 | 3' 4" Shaft | 500 L. W. | Hand | Both | Steam | Hand | Open | No |
| 18 Randolph County— | | | | | | | | | | | |
| Illmo Coal Co..... | Sparta..... | 21, 063 | 6 | 6' 0" Shaft | 130 P. R. | Machine | Mule | Electric | Hand | Open | No |
| Jones Bros. Coal Mining Co., No. 2..... | Marissa..... | 35, 280 | 6 | 6' 6" Shaft | 180 P. R. | Hand | Mule | Steam | Hand | Open | No |
| Moffat Coal Co..... | Sparta..... | 251, 433 | 6 | 6' 0" Shaft | 140 P. R. | Machine | Both | Steam | Hand | Open | No |
| St. Louis Coal Co..... | Coulterville..... | 127, 470 | 6 | 5' 10" Shaft | 195 P. R. | Machine | Both | Steam | Both | Open | No |
| 19 Saline County— | | | | | | | | | | | |
| Blue Bird Coal Co..... | Carrier Mills..... | 263, 166 | 5 | 4' 4" Strip | 430 P. R. | Machine | Motor | Steam | Hand | Closed | Yes |
| Peabody Coal Co., No. 47..... | Hareo..... | 447, 406 | 5 | 5' 4" Shaft | 465 P. R. | Machine | Motor | Steam | Machine | Closed | Yes |
| Rex Coal Co., No. 2..... | Eldorado..... | 323, 141 | 5 | 6' 0" Shaft | 311 P. R. | Machine | Both | Steam | Hand | Open | No |
| Sabara Coal Co., No. 1..... | Harrisburg..... | 352, 067 | 5 | 5' 0" Shaft | 245 P. R. | Machine | Motor | Steam | Hand | Open | No |
| Sabara Coal Co., No. 3..... | Harrisburg..... | 272, 405 | 5 | 5' 0" Shaft | 406 P. R. | Machine | Both | Steam | Hand | Open | No |
| Sabara Coal Co., No. 10..... | Eldorado..... | 335, 957 | 5 | 4' 10" Shaft | 413 P. R. | Machine | Both | Steam | Hand | Open | No |
| Sabara Coal Co., No. 12..... | Harrisburg..... | 305, 625 | 5 | 5' 0" Shaft | 325 P. R. | Machine | Both | Steam | Hand | Open | Yes |
| Wasson Coal Co., No. 1..... | Harrisburg..... | 400, 910 | 5 | 5' 6" Shaft | | | | | | | |
| 20 Sangamon County— | | | | | | | | | | | |
| Central Illinois Coal Mining Co..... | Springfield..... | 335, 869 | 5 | 5' 6" Shaft | 201 P. R. | Hand | Both | Electric | Hand | Open | No |
| Jefferson Coal Mining Co., No. 81..... | Springfield..... | 90, 118 | 5 | 6' 0" Shaft | 250 P. R. | Hand | Both | Electric | Hand | Open | No |
| Mine B Coal Co..... | Springfield..... | 281, 873 | 5 | 5' 6" Shaft | 208 P. R. | Hand | Both | Electric | Hand | Open | No |
| Panther Creek Mines, No. 4..... | Springfield..... | 260, 979 | 5 | 5' 8" Shaft | 156 P. R. | Hand | Both | Steam | Hand | Open | No |
| Panther Creek Mines, No. 5..... | Springfield..... | 134, 107 | 5 | 5' 10" Shaft | 250 P. R. | Hand | Both | Steam | Hand | Open | No |
| Peabody Coal Co., No. 51..... | Springfield..... | 50, 437 | 5 | 5' 10" Shaft | 210 P. R. | Machine | Both | Steam | Machine | Open | Yes |
| Peabody Coal Co., No. 53..... | Springfield..... | 238, 242 | 5 | 5' 9" Shaft | 250 P. R. | Machine | Both | Electric | Machine | Open | Yes |
| Peabody Coal Co., No. 57..... | Springfield..... | 302, 357 | 5 | 5' 6" Shaft | 225 P. R. | Machine | Both | Steam | Machine | Open | Yes |
| Peabody Coal Co., No. 59..... | Springfield..... | 308, 010 | 5 | 5' 8" Shaft | 239 P. R. | Machine | Both | Steam | Machine | Open | Yes |
| Sangamon Coal Co., No. 2..... | Springfield..... | 193, 931 | 5 | 5' 10" Shaft | 265 P. R. | Hand | Both | Steam | Hand | Open | No |
| 21 Shelby County— | | | | | | | | | | | |
| Erie Seedless Coal Co..... | Moweaqua..... | 10, 362 | 5 | 5' 3" Shaft | 630 P. R. | Machine | Both | Steam | Hand | Closed | No |

[illegible]

TABLE 43—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORKING AND TONS PRODUCED FROM EACH SEAM.

| Number of seam. | Number of— | | Kind of opening. | | | | Manner of working. | | Production in tons. |
|-----------------|------------|--------|------------------|--------|--------|--------|--------------------|-----------|---------------------|
| | Counties. | Mines. | Shaft. | Drift. | Slope. | Strip. | Pillar and room. | Longwall. | |
| One..... | 2 | 2 | 2 | | | | 2 | | 381,400 |
| Two..... | 4 | 6 | 3 | | | 3 | | 3 | 1,699,347 |
| Three..... | 2 | 2 | 2 | | | | | 2 | 111,402 |
| Four..... | 8 | 42 | 29 | | | | *37 | *1 | 7,657,508 |
| Five..... | 17 | 116 | 93 | 1 | 7 | 5 | 98 | 1 | 27,842,137 |
| Six..... | 2 | 4 | 1 | | 2 | 1 | 3 | | 963,733 |
| Seven..... | | | | | | | | | |
| Total..... | 29 | 172 | 130 | 2 | 14 | 26 | *140 | *7 | 38,655,527 |

* One Macon County operator works both longwall and pillar and room.

TABLE 44—LIST OF FATALITIES, 1934.

| Name of person killed. | Occupation. | Residence. | Date of accident. | Date of death. | Cause of death. | By whom employed. |
|-------------------------|------------------|--------------------|-------------------|----------------|----------------------------------|---|
| Allen, E. C..... | Bottom boss..... | Collinsville..... | June | 9 June | 9 Pit cars..... | St. Louis & O'Fallon Coal Co., No. 2. |
| Armstrong, Robert..... | Miner..... | Streator..... | Oct. | 24 Oct. | 24 Fall of rock..... | Streator Union Coal Co. |
| Baker, Wm..... | Miner..... | Gillespie..... | Oct. | 31 Oct. | 31 Run-away cars..... | Superior Coal Co., No. 1. |
| Bartich, Armond..... | Electrician..... | Farmington..... | Jan. | 11 Jan. | 11 Electrocutted..... | Midland Electric Coal Co., No. 2. |
| Barnes, William..... | Driver..... | Coulterville..... | Jan. | 12 Jan. | 12 Fall of rock..... | St. Louis Coal Co. |
| Bertges, George..... | Timberman..... | Centralia..... | Nov. | 14 Nov. | 14 Fall of slate..... | Centralia Coal Co., No. 5. |
| Biros, Andy..... | Shoveler..... | Williamson..... | Nov. | 26 Nov. | 27 Fall of coal..... | Mt. Olive & Staunton Coal Co., No. 2. |
| Blackman, Eugene..... | Miner..... | Stonefort..... | Aug. | 28 Sept. | 6 Powder explosion..... | C. C. McNew. |
| Bornmann, Edward B..... | Miner..... | Royalton..... | May | 26 May | 26 Pit cars..... | Ball & Zoller Coal & Mining Co., No. 2. |
| Bourland, Harvey..... | Trip rider..... | Clifford..... | Feb. | 22 Feb. | 22 Struck head against roof..... | Peabody Coal Co., No. 47. |
| Bratchek, James..... | Loader..... | Herrin..... | Jan. | 23 Jan. | 23 Fall of rock..... | Freeman Coal Mining Co. |
| Bray, Ernest, Sr..... | Miner..... | Bend..... | Dec. | 26 Dec. | 26 Electrocutted..... | Superior Coal Co., No. 2. |
| Burkiss, Tony..... | Timberman..... | Johnston City..... | April | 24 April | 26 Fall of slate..... | Cosgrove-Meehan Coal Co., No. 1. |

| | | | | | | |
|-------------------------|---------------------------|------------------|-------|----------|--|---|
| Butterfield, Charles H. | Blacksmith. | East Peoria. | July | 17 July | 17 Electrocut. | Lake Erie Mining Co., No. 1. |
| Caneff, Tony | Machine man. | Benton. | Dec. | 20 Dec. | 20 Fall of coal. | C., W. & F. Coal Co., No. 2. |
| Champion, Louis | Miner. | Westville. | April | 19 April | 19 Fall of rock. | United States Fuel Co., "Bun". |
| Coleman, G. B. | Miner. | Fairmount. | Mar. | 13 Mar. | 13 Fall of rock. | Pearson Coal Co. |
| Connelly, Edward | Face boss. | West Frankfort. | Nov. | 8 Nov. | 8 Pit cars. | Old Ben Coal Corp., No. 15. |
| Cox, Elmar | Machine man. | Taylorville. | Mar. | 25 Mar. | 22 Fall of clod. | Peabody Coal Co., No. 8. |
| Cox, Henry F. | Miner. | Shelbyville. | Mar. | 22 Mar. | 22 Fall of clod. | J. G. Root & Co. |
| Cunningham, James | Trip rider. | Herrin. | Nov. | 26 Nov. | 26 Pit cars. | Bell & Zoller Coal & Mining Co., No. 2. |
| Darnell, Herbert | Leader. | West Frankfort. | Nov. | 21 Nov. | 21 Electrocut. | West Frankfort Coal Co., No. 21. |
| Domye, Pietro | Machine runner. | Westville. | July | 31 July | 31 Bits of sheering machine. | United States Fuel Co., "Bun". |
| Doolin, Albert | Company man. | Taylorville. | Sept. | 12 Sept. | 13 Struck by timber on motor. | Peabody Coal Co., No. 8. |
| Dreyer, William | Miner. | Lansburg. | Aug. | 10 Aug. | 10 Pit cars. | Golden Rule Coal Co. |
| Duncan, Albert | Trip rider. | Buckner. | Feb. | 6 Feb. | 6 Electrocut. | Valley Coal Co., No. 1. |
| Eberhardt, Lee | Machine runner. | Johnston City. | Jan. | 16 Jan. | 16 Fall of clod. | Old Ben Coal Corp., No. 18. |
| Eekels, Ben | Miner. | Alton. | Feb. | 22 Feb. | 22 Fall of clod. | Harrison & Eekels. |
| Elm, Richard | Timberman. | West Frankfort. | Sept. | 29 Sept. | 29 Fall of rock. | C., W. & F. Coal Co., No. 1. |
| Ensminger, Clifford E. | Blacksmith. | Geneseo. | May | 16 May | 16 Caught in crusher rollers. | Midland Electric Coal Co., No. 1. |
| Fronum, Rudolph | Timberman. | Springfield. | Nov. | 1 Nov. | 1 Fall of slate. | Peabody Coal Co., No. 57. |
| Gibson, Hugh | Driver. | Riverton. | Mar. | 6 Mar. | 6 Pit cars. | Panther Creek Mines, No. 4. |
| Hall, Alfred | Miner. | Coal Valley. | Nov. | 8 Nov. | 8 Fall of rock. | George W. Roberts. |
| Hall, Wiley | Loader. | Zeigler. | Oct. | 19 Oct. | 19 Pit cars. | Bell & Zoller Coal & Mining Co., No. 2. |
| Heron, Scott | Assistant manager. | Muddy. | Dec. | 19 Dec. | 19 Fall of rock. | Sabara Coal Co., No. 1. |
| Howell, Dave | Loader. | Johnston City. | Jan. | 11 Jan. | 11 Fall of coal. | Cosgrave-Meehan Coal Co., No. 1. |
| Hubbard, Earl | Top laborer. | Mulkeytown. | Feb. | 20 Feb. | 20 Caught in belt. | Bell & Zoller Coal & Mining Co., No. 1. |
| Hulford, Herbert | Machine runner. | Peoria. | Aug. | 1 Aug. | 24 Struck by skid while unloading machine. | Crecent Mining Co., No. 6. |
| Hulslander, Isaac | Miner. | Atkinson. | Sept. | 26 Oct. | 1 Fall of rock. | Pollock Coal Mine. |
| Jackson, Sam | Trackman. | Johnston City. | Nov. | 26 Nov. | 26 Fall of rock. | Old Ben Coal Corp., No. 18. |
| Jackson, Woodrow Wilson | Engineer. | Salisbury. | Oct. | 10 Oct. | 14 Struck by bed of dump truck. | Lincoln Trail Coal Co. |
| Kobbie, Fred | Track layer. | Collinsville. | Aug. | 31 Aug. | 31 Electrocut. | Madison County Coal & Min. Co., No. 4. |
| Kondora, Joseph | Miner. | Lasalle. | Jan. | 18 Jan. | 18 Pit cars. | Mathias & Hegeler Zinc Co. |
| Killgrove, Arlie | Track helper. | Zeigler. | Dec. | 7 Dec. | 7 Struck by derailed motor. | Bell & Zoller Coal & Mining Co., No. 1. |
| Lewis, William | Loader. | Troy. | Mar. | 22 Mar. | 22 Asphyxiation. | Chicopee Coal Co., No. 1. |
| Luther, Fred | Motorman. | Decatur. | Feb. | 17 Feb. | 17 Pit cars. | Macon County Coal Co. |
| Margelli, Dominic | Timberman. | Peoria. | Dec. | 23 Dec. | 23 Fall of rock. | Treasure Coal Co., No. 1. |
| Marshall, Hiram J. | Loading machine operator. | West Frankfort. | June | 10 June | 15 Fall of rib coal. | Peabody Coal Co., No. 18. |
| McKean, John | Loader. | West Frankfort. | Feb. | 5 Feb. | 5 Fall of rib coal. | Old Ben Coal Corp., No. 15. |
| McMahon, Kenneth | Pumpman. | West Frankfort. | June | 1 June | 1 Struck by motor. | C., W. & F. Coal Co., No. 1. |
| Miller, Alexander B. | Mine manager. | Pleasant Plains. | Jan. | 18 Jan. | 18 Pit cars. | Happy Hollow Coal Co. |
| Moehlan, Steve | Miner. | Bentl. | Apr. | 16 Apr. | 16 Fall of slate. | Superior Coal Co., No. 1. |
| Moore, John | Loader. | Johnston City. | April | 23 April | 24 Fall of coal. | Old Ben Coal Corp., No. 8. |
| Morris, Russell | Oiler. | Harrisburg. | Mar. | 29 Mar. | 30 Caught in machinery. | Blue Bird Coal Co. |
| Muzzarelli, Dominic | Miner. | Granville. | Nov. | 21 Nov. | 21 Electrocut. | Prairie State Coal Co. |
| Pace, Albert | Mule driver. | West Frankfort. | Sept. | 27 Sept. | 27 Pit cars. | Peabody Coal Co., No. 19. |
| Pana, Phillip | Loading machine operator. | Staunton. | May | 1 May | 1 Fall of slate. | Mt. Olive & Staunton Coal Co., No. 2. |
| Pool, Earnest | Loader. | Eldorado. | Aug. | 30 Aug. | 30 Fall of rock. | Peabody Coal Co., No. 47. |

TABLE 44—Concluded.

| Name of person killed. | Occupation. | Residence. | Date of accident. | Date of death. | Cause of death. | By whom employed. |
|-------------------------|-------------------------------|-------------------|---------------------|------------------|-----------------------------------|--|
| Portoski, William..... | Dustman and sprinkler | Sesser..... | July..... | 6 July..... | 12 Caught between pit car and rib | Valier Coal Co., No. 1. |
| Pugh, Able..... | Miner..... | Streator..... | Feb..... | 1 Feb..... | 1 Slide of earth and slate..... | Ward & Pugh. |
| Rauktis, Mike..... | Miner..... | Westville..... | Mar..... | 8 April..... | 1 Fall of rock..... | United States Fuel Co., "Bun". |
| Raymond, William..... | Miner..... | Freeman Spur..... | Sept. 12, 1883..... | Sept. 9 Mar..... | 13 Fall of coal..... | Franklin County Coal Co., No. 5. |
| Rensing, Jule..... | Miner..... | German town..... | Mar..... | 9 Mar..... | 9 Fall of coal..... | Southern Coal, Coke & Mining Co., No. 9. |
| Rodden, Charles..... | Driller..... | Taylorville..... | Sept..... | 29 Oct..... | 2 Shot explosion..... | Peabody Coal Co., No. 9. |
| Rodman, Carl..... | Apprentice miner..... | Cambria..... | Dec..... | 3 Dec..... | 3 Fall of rock..... | City Lake Coal Co. |
| Rosberry, Thomas..... | Driver..... | Sparta..... | April..... | 21 April..... | 21 Pit cars..... | Moffat Coal Co. |
| Shablonsky, August..... | Timberman..... | Royalton..... | Dec..... | 10 Dec..... | 10 Fall of coal..... | Franklin County Coal Co., No. 7. |
| Shack, Ralph..... | Miner..... | Cartersville..... | Dec..... | 3 Dec..... | 3 Fall of rock..... | City Lake Coal Co. |
| Smith, John..... | Loader..... | Nashville..... | Feb..... | 7 Feb..... | 7 Fall of coal..... | Clarkson Coal Mining Co. |
| Smith, Peter W..... | Electrician..... | Taylorville..... | July..... | 12 July..... | 12 Pit cars..... | Peabody Coal Co., No. 7. |
| Spoon, Roy..... | Miner..... | Spaulding..... | Oct..... | 16 Oct..... | 16 Fall of slate..... | Panther Creek Mines, No. 4. |
| Stefani, Pete..... | Snubber..... | Stanton..... | April..... | 9 April..... | 9 Fall of coal..... | Franklin County Coal Co., No. 2. |
| Szymzyk, John..... | Loader..... | Royalton..... | Oct..... | 18 Oct..... | 20 Fall of face coal..... | Groom Coal Co. |
| Thomas, John..... | Miner..... | Belleville..... | Dec..... | 30 Dec..... | 30 Pit cars..... | Lamaghi Coal Co., No. 2. |
| Tonso, John..... | Miner..... | Collinsville..... | Aug..... | 30 Aug..... | 30 Electrocuted..... | Galesburg Mining Co. |
| Trunko, Leo..... | Miner..... | Fairview..... | Mar..... | 16 Mar..... | 16 Fall of slate..... | |
| Tulo, John..... | Loading machine operator..... | Benton..... | April..... | 24 April..... | 24 Fall of rock..... | C. W. & F. Coal Co., No. 2. |
| Turehi, James..... | Miner..... | Nokomis..... | Dec..... | 17 Dec..... | 17 Fall of slate..... | Indiana & Illinois Coal Corp., No. 10. |
| Udot, Tony..... | Miner..... | Ottawa..... | Jan..... | 9 Jan..... | 9 Fall of rock..... | Tony Udot. |
| Underwood, Roy..... | Rockman..... | Westville..... | Feb..... | 27 April..... | 12 Fall of rock..... | United States Fuel Co., "Bun". |
| Waggener, Luther..... | Miner..... | Ottawa..... | Jan..... | 15 Jan..... | 15 Fall of roof..... | A. C. Waggener Coal Co. |
| West, John E..... | Loading machine operator..... | Danville..... | Nov..... | 20 Dec..... | 9 Fall of rock..... | Peabody Coal Co., No. 24. |
| West, Ernest..... | Motorman..... | Westville..... | June..... | 5 June..... | 5 Fall of coal..... | United States Fuel Co., "Bun". |
| Wilson, J. M..... | Motorman..... | Taylorville..... | Jan..... | 6 Jan..... | 6 Fall of rock..... | Peabody Coal Co., No. 9. |
| Wines, Barton..... | Trackman..... | Taylorville..... | Feb..... | 26 Feb..... | 26 Fall of slate..... | Peabody Coal Co., No. 7. |
| Wolf, John..... | Shot firer..... | Springfield..... | Feb..... | 19 Feb..... | 19 Shot explosion..... | Peabody Coal Co., No. 53. |

TABLE 45—FATAL ACCIDENTS, BY DISTRICTS AND CAUSES.

| District. | Underground. | | | | | | On surface. | | | Grand total. |
|---------------|--------------------------|----------|--------------|-------------|---------------|--------|-------------|---------------|--------|--------------|
| | Falls of roof and sides. | Haulage. | Electricity. | Explosives. | Other causes. | Total. | Machinery. | Other causes. | Total. | |
| First..... | 5 | 1 | | | | 6 | 1 | 2 | 3 | 9 |
| Second..... | 1 | | | | 1 | 2 | | 1 | 1 | 3 |
| Third..... | 1 | | | | | 1 | | 1 | 1 | 2 |
| Fourth..... | 6 | 3 | | 1 | 1 | 11 | | 1 | 1 | 12 |
| Fifth..... | 6 | 1 | | | 1 | 8 | | | | 8 |
| Sixth..... | 2 | 1 | 1 | | | 4 | | | | 4 |
| Seventh..... | 5 | | 2 | | 1 | 8 | | | | 8 |
| Eighth..... | 1 | 3 | | | | 4 | | | | 4 |
| Ninth..... | 3 | 1 | | | | 4 | | | | 4 |
| Tenth..... | 9 | 8 | 2 | | | 19 | 1 | | 1 | 20 |
| Eleventh..... | 2 | | | 1 | 1 | 4 | 1 | | 1 | 5 |
| Twelfth..... | 7 | | | | | 7 | | | | 7 |
| Total..... | 48 | 18 | 5 | 2 | 5 | 78 | 3 | 5 | 8 | 86 |

TABLE 46—FATAL ACCIDENTS, BY OCCUPATIONS AND CAUSES.

| Occupation. | Underground. | | | | | | On surface. | | | Grand total. |
|------------------|--------------------------|----------|--------------|-------------|---------------|--------|-------------|---------------|--------|--------------|
| | Falls of roof and sides. | Haulage. | Electricity. | Explosives. | Other causes. | Total. | Machinery. | Other causes. | Total. | |
| Blacksmith..... | | | | | | | 1 | 1 | 2 | 2 |
| Bottom boss..... | | 1 | | | | 1 | | | | 1 |
| Driller..... | | | | 1 | | 1 | | | | 1 |
| Driver..... | 1 | 3 | | | | 4 | | | | 4 |
| Electrician..... | | 1 | | | | 1 | | 1 | 1 | 2 |
| Engineer..... | | | | | | | | 1 | 1 | 1 |
| Face boss..... | | 1 | | | | 1 | | | | 1 |
| Laborer..... | 3 | 1 | | | 1 | 5 | 1 | | 1 | 6 |
| Loader..... | 7 | 1 | 1 | 1 | 1 | 11 | | | | 11 |
| Machine man..... | 7 | | | | 2 | 9 | | | | 9 |
| Manager..... | 1 | 1 | | | | 2 | | | | 2 |
| Miner..... | 18 | 5 | 2 | | | 25 | | 2 | 2 | 27 |
| Motorman..... | 2 | 1 | | | | 3 | | | | 3 |
| Oiler..... | | | | | | | 1 | | 1 | 1 |
| Pumpman..... | | 1 | | | | 1 | | | | 1 |
| Shot firer..... | 1 | | | | | 1 | | | | 1 |
| Trip rider..... | | 1 | 1 | | 1 | 3 | | | | 3 |
| Timberman..... | 6 | | | | | 6 | | | | 6 |
| Trackman..... | 2 | 1 | 1 | | | 4 | | | | 4 |
| Total..... | 48 | 18 | 5 | 2 | 5 | 78 | 3 | 5 | 8 | 86 |

TABLE 47—FATAL ACCIDENTS, BY MONTHS.

| Month. | Districts—shipping mines. | | | | | | | | | | | | Local mines. | | Total fatalities. | |
|----------------------------|---------------------------|---------|--------|---------|--------|--------|----------|---------|--------|--------|-----------|----------|--------------|-----------|-------------------|----------------|
| | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Seventh. | Eighth. | Ninth. | Tenth. | Eleventh. | Twelfth. | Total. | District. | | Number killed. |
| January | | | 1 | 1 | | | | | 1 | | | 3 | 6 | 1 | 3 | 10 |
| February | | | | 2 | 1 | | | | 1 | 3 | 1 | | 8 | 4 | 1 | 10 |
| March | | | 1 | 2 | | | 1 | 1 | | | 1 | | 6 | 7 | 1 | 8 |
| April | | | | | 3 | 1 | 1 | | 1 | 2 | | 1 | 9 | | | 9 |
| May | 1 | | | | | | 1 | | | 1 | | | 3 | | | 3 |
| June | | | | | 1 | | | 1 | | 2 | | | 4 | | | 4 |
| July | | 1 | | 1 | 1 | | | | | 1 | | | 4 | | | 4 |
| August | | 1 | | | | | 2 | 1 | | | 1 | | 5 | 11 | 1 | 6 |
| September | | | | 1 | | | | | | 3 | | | 4 | | | 4 |
| October | | | | 2 | | 1 | | | | 2 | | | 5 | 1 | 2 | 8 |
| November | 1 | | | 1 | | | 1 | | 1 | 3 | | 1 | 8 | 4 | 1 | 9 |
| December | | | | | 1 | 2 | | 1 | | 3 | 1 | 2 | 10 | 2 | 1 | 11 |
| Total—shipping mines | 2 | 2 | 2 | 10 | 7 | 4 | 6 | 4 | 4 | 20 | 4 | 7 | 72 | | 14 | 86 |
| Total—local mines | 7 | 1 | | 2 | 1 | | 1 | | | | 1 | | 14 | | | |
| Total—all mines | 9 | 3 | 2 | 12 | 8 | 4 | 7 | 4 | 4 | 20 | 5 | 7 | 86 | | | |

TABLE 48—CONJUGAL RELATION OF THE MEN KILLED AND TONS MINED AND NUMBER EMPLOYED TO ONE KILLED, AND FATALITIES PER 1,000,000 TONS MINED AND PER 1,000 EMPLOYEES.

| District. | Number killed. | Conjugal relations. | | | | | Tons mined to one killed. | Number employed to one killed. | Number killed. | |
|---------------|----------------|---------------------|---------|---------|-----------|-------------|---------------------------|--------------------------------|---------------------------|---------------------|
| | | Married. | Single. | Widows. | Children. | Dependents. | | | Per 1,000,000 tons mined. | Per 1,000 employed. |
| First..... | 9 | 6 | 3 | 6 | 9 | 15 | 261,541 | 373 | 3.8 | 2.7 |
| Second..... | 3 | 2 | 1 | 2 | 3 | 5 | 667,172 | 971 | 1.5 | 1.0 |
| Third..... | 2 | | 2 | | | 2 | 1,078,161 | 1,419 | 0.9 | 0.7 |
| Fourth..... | 12 | 8 | 4 | 8 | 12 | 20 | 526,954 | 525 | 1.9 | 1.9 |
| Fifth..... | 8 | 7 | 1 | 7 | 6 | 14 | 266,765 | 436 | 3.7 | 2.3 |
| Sixth..... | 5 | 5 | | 5 | 6 | 11 | 794,077 | 914 | 1.3 | 1.1 |
| Seventh..... | 7 | 7 | | 7 | 10 | 17 | 277,705 | 397 | 3.6 | 2.5 |
| Eighth..... | 4 | 3 | 1 | 3 | 1 | 4 | 698,228 | 932 | 1.4 | 1.1 |
| Ninth..... | 4 | 3 | 1 | 3 | 1 | 5 | 1,340,688 | 1,071 | 0.7 | 0.9 |
| Tenth..... | 20 | 14 | 6 | 14 | 24 | 38 | 389,035 | 421 | 2.6 | 2.4 |
| Eleventh..... | 5 | 5 | | 5 | 11 | 16 | 562,661 | 820 | 1.8 | 1.2 |
| Twelfth..... | 7 | 6 | 1 | 6 | 14 | 20 | 298,688 | 387 | 3.3 | 2.6 |
| Total..... | 86 | 66 | 20 | 66 | 97 | 167 | 485,164 | 576 | 2.1 | 1.7 |

TABLE 49—CAUSE OF FATAL ACCIDENTS BY YEARS—1882-1934.

| Year. | Total number killed. | Underground. | | | | | | In shaft. | | | | On surface. | | | |
|------------------|----------------------|--------------------------|-----------------|----------|--------------|-------------|---------------|---------------------|-------|---------------|--------|-------------|---------------|---------------|--------|
| | | Falls of roof and sides. | Gas explosives. | Haulage. | Electricity. | Explosives. | Other causes. | Falling down shaft. | Cage. | Other causes. | Total. | Machinery. | Railway cars. | Other causes. | Total. |
| 1882 | 40 | 26 | | | | 5 | 9 | 40 | | | | | | | |
| 1883 | 134 | 40 | 12 | 2 | | 2 | *78 | 134 | | | | | | | |
| 1884 | 46 | 29 | 4 | | | 6 | 7 | 46 | | | | | | | |
| 1885 | 39 | 20 | | | | | †19 | 39 | | | | | | | |
| 1886 | 52 | 32 | | | | 10 | | 47 | 1 | 4 | 5 | | | | |
| 1887 | 41 | 28 | | | | | †13 | 41 | | | | | | | |
| 1888 | 54 | 33 | | | | 9 | | 48 | 4 | 2 | 6 | | | | |
| 1889 | 42 | 26 | | | | 3 | 1 | 35 | 2 | 4 | 1 | | | | |
| 1890 | 52 | 36 | | | | 4 | | 48 | | 4 | | | | | |
| 1891 | 58 | 33 | 4 | 2 | | 11 | 1 | 51 | 1 | 4 | 2 | | | | |
| 1892 | 56 | 28 | 3 | 6 | | 4 | 3 | 44 | 8 | 4 | 12 | | | | |
| 1893 | 68 | 48 | | | | 6 | 2 | 60 | 3 | 4 | 1 | | | | |
| 1894 | 70 | 43 | | | | 5 | | 57 | 5 | 5 | 13 | | | | |
| 1895 | 75 | 38 | | | | 12 | 2 | 63 | 5 | 4 | 1 | | | | |
| 1896 | 77 | 41 | 2 | 9 | | 9 | 2 | 63 | 6 | 5 | 11 | | | | |
| 1897 | 69 | 46 | 2 | 1 | | 11 | | 60 | 6 | | 1 | | | | |
| 1898 | 75 | 43 | 7 | 3 | | 11 | 2 | 66 | 4 | 2 | 6 | | | | |
| 1899 | 84 | 51 | 5 | 6 | | 6 | 6 | 74 | 4 | 5 | 9 | | | | |
| 1900 | 94 | 51 | 1 | 11 | | 20 | | 83 | 1 | 4 | 2 | | | | |
| 1901 | 99 | 57 | 1 | 14 | | 20 | 3 | 95 | 1 | 1 | | | | | |
| 1902 | 99 | 55 | | 15 | | 17 | 1 | 88 | 7 | 2 | | | | | |
| 1903 | 156 | 77 | 8 | 18 | 1 | 41 | 2 | 147 | 2 | 6 | | | | | |
| 1904 | 157 | 65 | | 21 | 1 | 44 | 3 | 134 | 10 | 4 | | | | | |
| 1905 | 199 | 80 | 59 | 11 | 1 | 32 | 3 | 186 | 5 | 6 | 1 | | | | |
| 1906 | 155 | 84 | 2 | 22 | | 22 | 1 | 131 | 9 | 5 | 1 | | | | |
| 1907 | 165 | 84 | 4 | 29 | | 25 | 2 | 145 | 6 | 8 | | | | | |
| 1908 | 153 | 91 | 7 | 35 | 1 | 29 | 1 | 164 | 3 | 1 | 3 | | | | |
| 1909 | 213 | 84 | 44 | 30 | 2 | 29 | 1 | 190 | 5 | 4 | 1 | | | | |
| 1910 | 406 | 65 | 20 | 23 | 3 | 17 | 258 | 386 | 3 | 6 | | | | | |
| 1911 | 157 | 80 | 8 | 40 | 1 | 10 | 4 | 143 | 5 | 2 | 2 | | | | |
| 1912 | 180 | 98 | 3 | 38 | 3 | 13 | 12 | 167 | 6 | 3 | | | | | |
| 1913 | 175 | 81 | 10 | 50 | 6 | 10 | 5 | 162 | 5 | 4 | 1 | | | | |
| 1914 | 159 | 83 | 6 | 40 | 6 | 6 | 7 | 148 | 2 | 1 | | | | | |
| 1915 | 180 | 57 | 68 | 27 | 2 | 9 | 12 | 175 | 1 | | 2 | | | | |
| 1916 | 165 | 80 | 12 | 43 | 4 | 13 | 1 | 153 | 4 | | | | | | |
| 1917 | 207 | 77 | 19 | 67 | 7 | 12 | 3 | 185 | | 4 | 1 | | | | |
| 1918 | 259 | 100 | 27 | 70 | 13 | 20 | 4 | 234 | 8 | 8 | 2 | | | | |
| 1919 | 208 | 93 | 31 | 51 | 7 | 12 | 1 | 195 | 4 | 4 | 2 | | | | |
| 1920 | 181 | 91 | 7 | 41 | 14 | 9 | 5 | 167 | 8 | 2 | | | | | |
| 1921 | 222 | 112 | 6 | 54 | 9 | 20 | 8 | 209 | 2 | 4 | | | | | |
| 1922 | 159 | 71 | 15 | 29 | 8 | 17 | 7 | 147 | 2 | 1 | 3 | | | | |
| 1923 | 161 | 82 | 2 | 40 | 6 | 13 | 6 | 149 | 3 | 1 | 1 | | | | |
| 1924 | 184 | 76 | 40 | 37 | 5 | 10 | 8 | 176 | 2 | | 2 | | | | |
| 1925 | 183 | 89 | 5 | 46 | 12 | 11 | 9 | 172 | 1 | 2 | | | | | |
| 1926 | 165 | 85 | 13 | 39 | 5 | 7 | 4 | 153 | 7 | 1 | 1 | | | | |
| 1927 | 106 | 44 | 17 | 18 | 5 | 5 | 8 | 97 | 3 | 1 | | | | | |
| 1928 | 139 | 72 | 23 | 21 | 2 | 6 | 5 | 129 | 1 | 1 | | | | | |
| 1929 | 109 | 52 | 8 | 24 | 5 | 6 | 5 | 100 | 1 | 2 | | | | | |
| 1930 | 112 | 72 | 4 | 20 | 3 | 2 | 5 | 106 | | 1 | | | | | |
| 1931 | 90 | 54 | 2 | 15 | 6 | 2 | 5 | 84 | | 4 | | | | | |
| 1932 | 114 | 33 | 54 | 10 | | 4 | 4 | 105 | | | | | | | |
| 1933 | 71 | 45 | 1 | 12 | 3 | 3 | 3 | 67 | 3 | | | | | | |
| 1934 | 86 | 48 | | 18 | 5 | 2 | 5 | 77 | | | | | | | |
| Average—53 years | 129 | 61 | 11 | 22 | 3 | 12 | 10 | 118 | 3 | 3 | 1 | 6 | 1 | 2 | 4 |

* Sixty-nine men were drowned in the Braidwood mine disaster.

† Other causes not classified.

‡ From July 1, 1924, to December 31, 1925.

TABLE 50.—SHIPPING MINES IN WHICH FATALITIES OCCURRED—SHOWING NUMBER KILLED, OUTPUT OF MINES, NUMBER EMPLOYED, RATIO OF FATALITIES TO OUTPUT AND EMPLOYEES, METHOD OF MINING, UNDERGROUND HAULAGE, LOADING, ETC.

| Operator. | Number of. | | | Tons mined to one fatality. | Em- ployees to one killed. | Mining. | Haulage. | Loading. | Lights. | Rock dust. |
|---|----------------|---------|----------------|-----------------------------|--|------------|----------|------------|---------|------------|
| | Dis- trict. | Killed. | Tons mined. | | | | | | | |
| Bell & Zoller Coal & Mining Co., No. 1. | 10 | 2 | 887,197 | 443,598 | 306 | Machine | Motor | Machine | Closed | Yes |
| Bell & Zoller Coal & Mining Co., No. 2. | 10 | 3 | 890,270 | 296,757 | 309 | Machine | Motor | Both | Closed | Yes |
| Blue Bird Coal Co. | 11 | 1 | 263,166 | 100 | 100 | Strip mine | | Strip mine | | |
| Centralia Coal Co., No. 5. | 9 | 1 | 230,876 | 219 | 219 | Machine | Motor | Machine | Open | Yes |
| C. W. & F. Coal Co., No. 1. | 10 | 2 | 579,235 | 542 | 271 | Machine | Motor | Machine | Closed | Yes |
| C. W. & F. Coal Co., No. 2. | 10 | 2 | 1,206,619 | 1,051 | 603 | Machine | Motor | Machine | Closed | Yes |
| Chicopee Coal Co. | 7 | 1 | 49,964 | 111 | 111 | Machine | Both | Hand | Open | No |
| City Lake Coal Co. | 12 | 2 | 14,679 | 40 | 7 | Slope mine | | Slope mine | | |
| Clarkson Coal & Mining Co. | 9 | 1 | 79,068 | 104 | 104 | Machine | Both | Hand | Open | No |
| Cosgrove-Mellan Coal Co., No. 1. | 12 | 2 | 241,387 | 120,693 | 150 | Both | Motor | Both | Closed | Yes |
| Crescent Mining Co., No. 6. | 2 | 1 | 785,992 | 567 | 567 | Machine | Both | Hand | Open | No |
| Franklin County Coal Co., No. 5. | 10 | 1 | 391,819 | 571 | 571 | Machine | Both | Both | Open | No |
| Franklin County Coal Co., No. 7. | 10 | 2 | 519,446 | 551 | 259 | Machine | Both | Both | Closed | No |
| Freeman Coal Mining Co. | 12 | 1 | 102,968 | 276 | 102 | Machine | Both | Both | Open | No |
| Galesburg Mining Co. | 3 | 1 | 311,751 | 286 | 311 | Both | Both | Hand | Open | No |
| Golden Rule Coal Co. | 8 | 1 | 74,056 | 66 | 66 | Hand | Both | Hand | Open | No |
| Groom Coal Co. | 1 | 1 | 90,939 | 106 | 90 | Both | Both | Hand | Open | No |
| Indiana-Illinois Coal Corp., No. 10. | 6 | 1 | 358,912 | 565 | 565 | Machine | Motor | Machine | Open | No |
| Lake Erie Mining Co. | 2 | 1 | 178,751 | 212 | 178 | Machine | Both | Hand | Open | No |
| Limaaghi Coal Co., No. 2. | 7 | 1 | 378,006 | 366 | 373 | Machine | Both | Both | Open | No |
| Macon County Coal Co. | 5 | 1 | 164,401 | 332 | 164 | Machine | Both | Hand | Open | No |
| Madison County Coal & Mining Co. | 7 | 1 | 110,797 | 203 | 110 | Machine | Motor | Hand | Open | No |
| Midland Electric Coal Co., No. 1. | 1 | 1 | 439,968 | 120 | 489 | Machine | | Strip mine | | |
| Midland Electric Coal Co., No. 2. | 3 | 1 | 433,729 | 148 | 433 | Machine | | Strip mine | | |
| Moffat Coal Co. | 9 | 1 | 251,423 | 400 | 251 | Machine | Both | Hand | Open | No |
| Mt. Olive & Staunton Coal Co., No. 2. | 7 | 3 | 584,226 | 550 | 194 | Machine | Both | Both | Open | Yes |
| Old Ben Coal Corp., No. 8. | 10 | 1 | 688,555 | 545 | 688 | Machine | Motor | Machine | Closed | Yes |
| Old Ben Coal Corp., No. 15. | 10 | 1 | 680,711 | 506 | 340 | Machine | Motor | Machine | Closed | Yes |
| Old Ben Coal Corp., No. 18. | 12 | 2 | 445,978 | 551 | 222 | Machine | Both | Machine | Open | Yes |
| Panther Creek Mines, No. 4. | 4 | 2 | 260,979 | 416 | 130 | Hand | Both | Hand | Open | No |
| Peabody Coal Co., No. 7. | 4 | 2 | 986,122 | 527 | 493 | Machine | Motor | Machine | Open | Yes |
| Peabody Coal Co., No. 8. | 4 | 2 | 864,806 | 535 | 432 | Machine | Motor | Both | Open | Yes |
| Peabody Coal Co., No. 9. | 4 | 2 | 1,016,754 | 507 | 169 | Machine | Motor | Machine | Open | Yes |

TABLE 51—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED, AND PER 1,000,000 TONS MINED—1882-1934. INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS TIME.

| Year. | Tons mined. | Number employed. | Accidents. | | Tons mined to one man. | | Accidents. | | | |
|-------------------|-------------|------------------|------------|------------|------------------------|----------|---------------------|------------|---------------------------|------------|
| | | | Fatal. | Non-fatal. | Killed. | Injured. | Per 1,000 employed. | | Per 1,000,000 tons mined. | |
| | | | | | | | Fatal. | Non-fatal. | Fatal. | Non-fatal. |
| 1882 | 9,115,061 | 20,290 | 40 | 50 | 227,892 | 182,313 | 2.0 | 2.5 | 4.4 | 5.5 |
| 1883 | 10,508,785 | 23,939 | 134 | 231 | 78,424 | 45,493 | 5.6 | 9.1 | 12.8 | 22.0 |
| 1884 | 10,101,004 | 25,575 | 46 | 197 | 219,587 | 51,274 | 1.8 | 7.7 | 4.6 | 19.5 |
| 1885 | 9,791,874 | 25,946 | 39 | 147 | 251,074 | 66,611 | 1.5 | 5.7 | 4.0 | 15.0 |
| 1886 | 9,246,435 | 25,846 | 52 | 171 | 177,816 | 54,073 | 2.0 | 6.6 | 5.6 | 18.5 |
| 1887 | 10,278,890 | 26,804 | 41 | 180 | 250,905 | 57,105 | 1.5 | 6.7 | 4.0 | 17.5 |
| 1888 | 11,855,188 | 29,410 | 55 | 179 | 215,549 | 66,230 | 1.9 | 6.1 | 4.7 | 15.1 |
| 1889 | 11,597,963 | 30,076 | 42 | 201 | 276,142 | 57,701 | 1.4 | 6.7 | 3.6 | 17.3 |
| 1890 | 12,638,364 | 28,574 | 53 | 294 | 238,460 | 42,988 | 1.9 | 10.3 | 4.2 | 23.4 |
| 1891 | 15,660,698 | 32,951 | 60 | 367 | 261,012 | 42,672 | 1.9 | 11.1 | 3.9 | 23.4 |
| 1892 | 17,862,576 | 33,632 | 57 | 370 | 313,373 | 48,276 | 1.7 | 11.0 | 3.2 | 20.7 |
| 1893 | 19,949,564 | 35,390 | 69 | 403 | 299,124 | 49,502 | 1.9 | 11.4 | 3.5 | 20.2 |
| 1894 | 17,113,576 | 38,477 | 72 | 521 | 237,690 | 32,848 | 1.9 | 13.5 | 4.2 | 30.4 |
| 1895 | 17,735,864 | 38,630 | 75 | 605 | 236,478 | 29,315 | 1.9 | 15.7 | 4.2 | 34.1 |
| 1896 | 19,786,626 | 37,032 | 77 | 672 | 256,969 | 29,444 | 2.1 | 18.1 | 3.9 | 34.0 |
| 1897 | 20,072,758 | 33,788 | 69 | 518 | 290,909 | 38,750 | 2.0 | 15.3 | 3.4 | 25.8 |
| 1898 | 18,599,299 | 35,026 | 75 | 438 | 247,991 | 42,464 | 2.1 | 12.5 | 4.0 | 23.5 |
| 1899 | 23,434,445 | 36,901 | 84 | 597 | 278,981 | 39,254 | 2.3 | 16.2 | 3.6 | 25.5 |
| 1900 | 25,153,929 | 39,384 | 94 | 611 | 267,559 | 41,168 | 2.4 | 15.5 | 3.7 | 24.3 |
| 1901 | 26,685,319 | 44,143 | 99 | 422 | 269,549 | 63,235 | 2.2 | 9.6 | 3.8 | 15.8 |
| 1902 | 30,021,300 | 46,003 | 99 | 406 | 303,245 | 73,944 | 2.2 | 8.8 | 3.3 | 13.5 |
| 1903 | 34,955,400 | 49,814 | 156 | 410 | 224,073 | 85,257 | 3.1 | 8.2 | 4.5 | 11.7 |
| 1904 | 37,077,897 | 54,774 | 157 | 507 | 236,165 | 73,132 | 2.9 | 9.3 | 4.2 | 13.7 |
| 1905 | 37,183,374 | 59,230 | 199 | 535 | 185,852 | 69,502 | 3.4 | 9.0 | 5.4 | 14.4 |
| 1906 | 38,317,581 | 62,283 | 155 | 480 | 247,210 | 79,828 | 2.5 | 7.7 | 4.0 | 12.5 |
| 1907 | 47,798,621 | 66,714 | 165 | 636 | 289,689 | 75,155 | 2.5 | 9.5 | 3.5 | 13.3 |
| 1908 | 49,272,436 | 70,841 | 183 | 819 | 269,248 | 60,162 | 2.6 | 11.6 | 3.7 | 16.6 |
| 1909 | 49,163,710 | 72,733 | 213 | 894 | 230,816 | 54,993 | 2.9 | 12.3 | 4.3 | 18.2 |
| 1910 | 48,717,853 | 74,634 | 406 | 742 | 119,995 | 65,657 | 5.4 | 9.9 | 8.3 | 15.2 |
| 1911 | 50,165,099 | 77,410 | 157 | 709 | 319,523 | 70,755 | 2.0 | 9.2 | 3.1 | 14.2 |
| 1912 | 57,514,240 | 79,411 | 180 | 800 | 315,524 | 71,893 | 2.3 | 10.7 | 3.1 | 13.9 |
| 1913 | 61,846,204 | 79,497 | 175 | 1,025 | 353,407 | 60,338 | 2.2 | 12.9 | 2.8 | 16.2 |
| 1914 | 60,715,795 | 80,035 | 159 | 1,079 | 381,860 | 56,691 | 2.0 | 13.4 | 2.6 | 17.6 |
| 1915 | 57,601,694 | 75,607 | 180 | 1,013 | 320,009 | 56,870 | 2.4 | 13.4 | 3.1 | 17.6 |
| 1916 | 63,673,530 | 75,919 | 165 | 1,305 | 385,900 | 48,792 | 2.2 | 17.2 | 2.6 | 20.5 |
| 1917 | 78,983,517 | 80,893 | 207 | 1,634 | 381,563 | 48,338 | 2.6 | 20.2 | 2.6 | 20.7 |
| 1918 | 89,979,469 | 91,372 | 259 | 2,161 | 347,411 | 41,638 | 2.8 | 23.7 | 2.9 | 24.0 |
| 1919 | 75,099,784 | 90,897 | 208 | 2,620 | 361,057 | 28,664 | 2.3 | 28.8 | 2.8 | 34.9 |
| 1920 | 73,920,653 | 88,192 | 181 | 3,571 | 408,401 | 20,700 | 2.5 | 40.5 | 2.4 | 48.3 |
| 1921 | 80,121,948 | 95,763 | 222 | 4,327 | 360,910 | 18,517 | 2.3 | 45.2 | 2.8 | 54.0 |
| 1922 | 63,276,827 | 98,090 | 159 | 3,879 | 397,962 | 16,315 | 1.6 | 39.5 | 2.5 | 61.3 |
| 1923 | 75,514,095 | 103,566 | 161 | 3,615 | 469,032 | 20,889 | 1.6 | 34.9 | 2.1 | 47.9 |
| 1924 | 72,308,665 | 99,765 | 184 | 3,895 | 392,982 | 18,565 | 1.8 | 39.0 | 2.5 | 53.9 |
| 1925 | 103,186,166 | 81,684 | 183 | 4,712 | 563,859 | 21,713 | 2.4 | 57.7 | 1.8 | 46.0 |
| 1926 | 69,813,255 | 77,732 | 165 | 3,083 | 423,111 | 22,642 | 2.1 | 39.7 | 2.4 | 44.2 |
| 1927 | 46,949,700 | 78,572 | 106 | 1,398 | 442,922 | 33,583 | 1.3 | 18.0 | 2.3 | 29.8 |
| 1928 | 56,211,082 | 65,508 | 139 | 2,176 | 404,396 | 25,832 | 2.1 | 33.2 | 2.5 | 38.7 |
| 1929 | 61,127,759 | 58,596 | 109 | 2,392 | 560,805 | 25,556 | 1.9 | 40.8 | 1.8 | 39.1 |
| 1930 | 54,035,116 | 56,011 | 112 | 1,649 | 482,456 | 32,768 | 2.0 | 29.4 | 2.1 | 30.5 |
| 1931 | 45,152,623 | 53,550 | 90 | 1,530 | 501,696 | 29,512 | 1.7 | 28.6 | 2.0 | 33.9 |
| 1932 | 34,120,756 | 51,554 | 114 | 951 | 299,305 | 35,879 | 2.2 | 18.4 | 3.3 | 27.9 |
| 1933 | 38,320,125 | 48,464 | 71 | 1,197 | 539,720 | 32,013 | 1.5 | 24.6 | 1.9 | 31.5 |
| 1934 | 41,724,078 | 49,499 | 86 | 1,112 | 455,164 | 37,522 | 1.8 | 22.7 | 2.1 | 26.6 |
| Average—53 years. | 41,529,419 | 57,291 | 129 | 1,216 | 321,886 | 34,152 | 2.3 | 21.4 | 3.1 | 29.3 |

TABLE 52—ILLINOIS FATALITIES COMPARED WITH THAT OF THE UNITED STATES AS A WHOLE—1911 TO 1934, INCLUSIVE.

| Year. | Number killed. | | Deaths per 1,000,000 tons. | | Tons mined per fatality. | |
|-----------|----------------|----------------|----------------------------|----------------|--------------------------|----------------|
| | Illinois. | United States. | Illinois. | United States. | Illinois. | United States. |
| 1911..... | 157 | 2,656 | 3.1 | 5.35 | 319,523 | 186,887 |
| 1912..... | 180 | 2,419 | 3.1 | 4.53 | 315,524 | 220,945 |
| 1913..... | 175 | 2,785 | 2.8 | 4.89 | 353,407 | 204,685 |
| 1914..... | 159 | 2,454 | 2.6 | 4.78 | 381,860 | 209,261 |
| 1915..... | 180 | 2,269 | 3.1 | 4.27 | 320,009 | 234,297 |
| 1916..... | 165 | 2,226 | 2.6 | 3.77 | 385,900 | 265,094 |
| 1917..... | 207 | 2,696 | 2.6 | 4.14 | 381,565 | 241,618 |
| 1918..... | 250 | 2,580 | 2.9 | 3.80 | 347,411 | 262,873 |
| 1919..... | 209 | 2,323 | 2.8 | 4.19 | 361,057 | 258,464 |
| 1920..... | 181 | 2,272 | 2.4 | 3.45 | 408,401 | 289,729 |
| 1921..... | 222 | 1,995 | 2.8 | 3.94 | 360,910 | 253,832 |
| 1922..... | 150 | 1,984 | 2.5 | 4.16 | 307,962 | 240,399 |
| 1923..... | 161 | 2,462 | 2.1 | 3.74 | 460,032 | 267,223 |
| 1924..... | 184 | 2,402 | 2.5 | 4.20 | 392,982 | 237,974 |
| 1925..... | 183 | 2,234 | 1.8 | 3.84 | 563,859 | 260,461 |
| 1926..... | 165 | 2,518 | 2.4 | 3.83 | 423,111 | 261,241 |
| 1927..... | 106 | 2,231 | 2.3 | 3.73 | 442,922 | 267,978 |
| 1928..... | 139 | 2,176 | 2.5 | 3.78 | 404,396 | 264,749 |
| 1929..... | 109 | 2,187 | 1.8 | 3.59 | 560,800 | 278,380 |
| 1930..... | 112 | 2,014 | 2.1 | 3.79 | 482,456 | 268,869 |
| 1931..... | 90 | 1,430 | 2.1 | 3.27 | 501,096 | 296,000 |
| 1932..... | 114 | 923 | 3.3 | 3.02 | 299,305 | 331,167 |
| 1933..... | 71 | 833 | 1.9 | 2.5 | 539,729 | 400,517 |
| 1934..... | 86 | ----- | 2.1 | ----- | 321,886 | ----- |

VALIER COAL COMPANY

AWARDED

JOSEPH A. HOLMES SAFETY ASSOCIATION

CERTIFICATE FOR ITS OUTSTANDING SAFETY RECORD DURING THE YEAR 1934.

The 1934 accident frequency rate of Valier per million man-hours worked during 1934 was 29.86 and the severity rate 21.90.

The Department takes pleasure in according honorable mention here to the above award and extends to the official family and all employees of Valier Coal Company its sincere congratulations. The Holmes Safety Award is a well deserved tribute to an organization whose interest in safety work has been outstanding. Records in the Department indicate that in 1927 Valier Coal Company worked 814,558 man-hours, producing 602,304 tons of coal. During this time they had 204 lost time accidents, with a frequency rate of 250.4. In 1933 they worked 554,882 man-hours, producing 725,606 tons of coal, had 59 lost-time accidents, with a frequency rate of 106.32. In 1934 the mine worked five of the twelve months, i. e., January, May, October, November and December without a lost-time accident and during this five-month period worked 262,386 man-hours, producing 382,250 tons of coal. The last lost-time accident at Valier mine occurred September 12, 1934, and between that date and January 1st, 1935, the mine worked a total of 194,617 man-hours and produced 286,429 tons of coal. Since the last lost-time accident on the surface, November, 1933, the employees on the surface have worked 127,238 man-hours, during which time the mine produced 949,054 tons of coal. Prior to January 1st, 1935, the last lost-time accident on the night shift occurred in October, 1933, during which time 112,643 man-hours have been worked and 1,034,082 tons of coal were produced.

TABLE 53—NON-FATAL ACCIDENTS BY DISTRICTS AND MONTHS, 1934.

| District. | Number injured. | Number not returned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | | Loss of 30 or more days. | | | Monthly tabulation. | |
|---|-----------------|----------------------|----------------------------|----------|----------------------------------|--------------|----------|--------------------------|---------------|----------|-----------------------------------|-----------------|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | Days lost. | | Month. | Number injured. |
| | | | | | | Total. | Average. | | Total. | Average. | | |
| First District— Shipping— Local— | 158 58 | 20 7 | 3,546 1,369 | 26 27 | 106 38 | 1,546 569 | 15 15 | 32 13 | 2,000 800 | 63 62 | January— Shipping— Local— | 345 18 |
| Second District— Shipping— Local— | 134 20 | 21 8 | 4,688 263 | 41 22 | 49 9 | 712 107 | 15 12 | 64 3 | 3,976 156 | 62 52 | February— Shipping— Local— | 276 20 |
| Third District— Shipping— Local— | 92 8 | 9 | 2,489 366 | 31 46 | 51 2 | 769 18 | 15 9 | 32 6 | 1,720 348 | 54 | March— Shipping— Local— | 349 25 |
| Fourth District— Shipping— Local— | 480 25 | 66 5 | 13,439 476 | 32 24 | 231 13 | 3,416 197 | 15 15 | 153 7 | 10,023 279 | 55 40 | April— Shipping— Local— | 193 4 |
| Fifth District— Shipping— Local— | 226 21 | 29 1 | 7,326 417 | 37 21 | 106 14 | 1,817 203 | 17 15 | 91 6 | 5,509 214 | 61 36 | May— Shipping— Local— | 163 5 |
| Sixth District— Shipping— Local— | 313 13 | 43 2 | 10,968 284 | 41 26 | 130 9 | 2,010 169 | 15 19 | 140 2 | 8,958 115 | 64 58 | June— Shipping— Local— | 163 6 |
| Seventh District— Shipping— Local— | 169 26 | 25 1 | 4,552 592 | 32 24 | 94 21 | 1,589 341 | 17 16 | 50 4 | 2,963 251 | 59 63 | July— Shipping— Local— | 174 6 |
| Eighth District— Shipping— Local— | 135 31 | 15 | 4,934 729 | 41 24 | 64 21 | 1,059 331 | 17 15 | 56 10 | 3,875 398 | 69 40 | August— Shipping— Local— | 203 13 |
| Ninth District— Shipping— Local— | 171 2 | 20 | 4,343 17 | 29 8 | 98 2 | 1,545 17 | 16 9 | 53 | 2,798 | 53 | September— Shipping— Local— | 203 23 |
| Tenth District— Shipping— Local— | 578 | 90 | 15,892 | 33 | 305 | 5,016 | 16 | 183 | 10,876 | 59 | October— Shipping— Local— | 254 22 |
| Eleventh District— Shipping— Local— | 320 6 | 51 3 | 10,103 87 | 38 29 | 142 2 | 2,155 31 | 15 16 | 127 1 | 7,948 56 | 63 56 | November— Shipping— Local— | 294 32 |

| Twelfth District— | | 141 | | 20 | | 3,597 | | 30 | | 73 | | 1,156 | | 16 | | 48 | | 2,441 | | 51 | | December— | |
|----------------------|--|-------|--|-----|--|--------|--|-----|--|-------|--|--------|--|-----|--|-------|--|--------|--|-----|--|-----------|--|
| Shipping— | | 6 | | --- | | 107 | | 18 | | 5 | | 77 | | 15 | | 1 | | 30 | | 30 | | Shipping— | |
| Local | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | Local | |
| Total shipping mines | | 2,917 | | 409 | | 85,877 | | 34 | | 1,449 | | 22,790 | | 16 | | 1,059 | | 63,087 | | 60 | | a2,917 | |
| Total local mines | | 216 | | 27 | | 4,707 | | 25 | | 136 | | 2,060 | | 15 | | 53 | | 2,647 | | 50 | | b216 | |
| Total all mines | | 3,133 | | 436 | | 90,584 | | 34 | | 1,585 | | 24,850 | | 16 | | 1,112 | | 65,734 | | 59 | | 3,133 | |

(a) Includes 41 accidents not reported by month in which they occurred.

TABLE 54—SUMMARY—TOTAL TONNAGE AND GRADED OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

| District. | Number of— | | | | Total tons produced. | Graded output in tons. | | | | | | | | | Waste and loss in preparing. |
|-------------|------------|-------------------|-------------|--------------------|----------------------|------------------------|-----------|------------|-----------|-------------|---------|---------|---------------|------------|------------------------------|
| | Counties. | Mines oper- ated. | Mines idle. | Mines in district. | | Lump. | Furnace. | Small egg. | Stove. | Chest- nut. | Pea. | Carbon. | Screen- ings. | Mine- run. | |
| First. | 4 | 7 | — | 7 | 1,777,138 | 207,968 | 231,291 | 276,076 | 73,398 | 141,355 | 35,160 | 2,098 | 629,185 | 164,384 | 16,223 |
| Second. | 3 | — | — | — | 1,508,939 | 263,749 | 141,203 | 13,066 | 11,534 | — | 729 | — | 250,518 | 886,008 | 9,112 |
| Third. | 3 | 15 | — | 15 | 1,838,139 | 189,758 | 334,944 | 446,596 | 88,028 | 22,016 | 19,038 | — | 556,445 | 257,579 | 17,281 |
| Fourth. | 2 | 16 | 11 | 27 | 6,056,629 | 804,060 | 1,478,253 | 418,831 | 153,553 | 31,220 | 19,494 | 26,337 | 2,796,533 | 311,937 | 15,811 |
| Fifth. | 2 | 7 | — | 9 | 1,840,005 | 357,619 | 181,657 | 98,980 | 62,661 | 6,471 | — | — | 601,253 | 593,021 | 378 |
| Sixth. | 3 | 11 | 6 | 17 | 3,921,804 | 122,627 | 323,973 | 79,589 | 61,766 | 32,266 | 31,691 | 52,283 | 843,271 | 231,297 | 43,041 |
| Seventh. | 3 | 10 | 3 | 13 | 1,063,887 | 286,838 | 392,356 | 206,689 | 33,358 | 25,395 | 11,932 | 40,685 | 612,522 | 66,935 | 17,157 |
| Eighth. | 2 | 25 | 5 | 30 | 3,238,014 | 599,011 | 410,326 | 107,388 | 103,691 | 19,772 | 13,713 | 8,505 | 796,988 | 246,840 | 21,780 |
| Ninth. | 4 | 31 | — | 33 | 5,249,945 | 619,619 | 399,721 | 268,981 | 50,498 | 33,342 | 38,046 | — | 1,463,834 | 1,059,948 | 58,025 |
| Tenth. | 1 | 15 | 10 | 25 | 7,780,162 | 999,604 | 1,404,093 | 781,297 | 350,489 | 265,119 | 105,048 | 592,676 | 2,708,194 | 925,316 | 258,326 |
| Eleventh. | 2 | 9 | — | 17 | 2,731,693 | 485,867 | 385,716 | 137,110 | 102,806 | 40,829 | 66,085 | — | 839,731 | 247,494 | 28,585 |
| Twelfth. | 1 | 18 | 7 | 25 | 1,899,152 | 204,115 | 275,359 | 217,732 | 58,226 | 11,651 | 16,463 | 59,852 | 752,590 | 241,762 | 61,352 |
| Total. | 29 | 172 | 54 | 226 | 38,655,527 | 7,050,730 | 6,288,941 | 3,331,721 | 1,340,790 | 708,569 | 314,875 | 906,235 | 12,941,084 | 5,232,511 | 540,071 |
| Local mines | 49 | 1,175 | — | 1,175 | 3,068,551 | — | — | — | — | — | — | — | — | 3,042,905 | 25,646 |
| All mines | 58 | 1,347 | 54 | 1,401 | 41,724,078 | 7,050,730 | 6,288,941 | 3,331,721 | 1,340,790 | 708,569 | 314,875 | 906,235 | 12,941,084 | 8,275,416 | 565,717 |

TABLE 55—SUMMARY—DISPOSITION OF OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

| District. | Total tons mined. | Disposition of output— | | | | | Tons disposed of otherwise. | Per cent of tonnage— | | | |
|------------------|-------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------|----------------------------|-----------------------------|-----------------------|----------------------|-----------------------|---------------------|
| | | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to local motives. | Tons sold to local trade. | Tons consumed at the mine. | | Handled by railroads. | Sold to local trade. | Consumed at the mine. | Not sold and waste. |
| First..... | 1,777,138 | 1,250,046 | 252,069 | 721 | 246,269 | 9,920 | 274,302 | 84.6 | 13.8 | 0.6 | 1.0 |
| Second..... | 1,568,959 | 953,760 | ----- | ----- | 207,330 | 7,160 | 210,621 | 86.0 | 13.2 | 0.5 | 0.3 |
| Third..... | 1,838,159 | 1,163,173 | 329,734 | ----- | 118,494 | 9,517 | 145,252 | 92.1 | 6.5 | 0.5 | 0.9 |
| Fourth..... | 6,056,629 | 4,592,179 | 1,019,055 | 18,276 | 390,854 | 43,484 | 427,089 | 92.9 | 6.0 | 0.8 | 0.3 |
| Fifth..... | 1,840,005 | 1,135,827 | 518,450 | 2,206 | 172,730 | 10,414 | 183,522 | 90.0 | 9.4 | 0.6 | ----- |
| Sixth..... | 3,921,804 | 1,064,764 | 2,569,435 | 2,008 | 122,912 | 118,861 | 285,597 | 92.7 | 3.2 | 3.0 | 1.1 |
| Seventh..... | 1,663,887 | 1,244,443 | 146,453 | ----- | 173,634 | 62,919 | 272,991 | 83.6 | 10.4 | 3.8 | 2.2 |
| Eighth..... | 2,328,014 | 1,075,850 | 265,955 | 24,752 | 825,482 | 73,307 | 272,991 | 58.7 | 35.5 | 3.1 | 2.7 |
| Ninth..... | 5,249,945 | 2,724,172 | 2,095,999 | 51,868 | 234,631 | 70,002 | 377,905 | 92.8 | 4.5 | 1.3 | 1.4 |
| Tenth..... | 7,780,162 | 4,728,661 | 2,556,922 | ----- | 88,686 | 110,213 | 494,579 | 93.7 | 1.1 | 1.4 | 3.8 |
| Eleventh..... | 2,731,693 | 2,029,660 | 541,086 | ----- | 76,709 | 54,403 | 160,947 | 94.1 | 2.8 | 2.0 | 1.1 |
| Twelfth..... | 1,899,152 | 1,171,294 | 605,605 | ----- | 40,608 | 42,972 | 122,253 | 93.6 | 2.1 | 2.3 | 2.0 |
| Total..... | 38,655,527 | 22,545,627 | 12,084,553 | 99,831 | 2,668,299 | 615,172 | 3,925,516 | 89.8 | 6.9 | 1.6 | 1.7 |
| Local mines..... | 3,068,551 | ----- | ----- | ----- | 2,958,021 | 84,884 | 3,068,551 | ----- | 96.4 | 2.8 | 0.8 |
| All mines..... | 41,724,078 | 22,545,627 | 12,084,553 | 99,831 | 5,626,320 | 700,056 | 6,994,067 | 83.2 | 13.5 | 1.7 | 1.6 |

TABLE 56—SUMMARY—MECHANICAL LOADING MACHINES, METHODS OF LOADING, ACCIDENTS, RATIOS AND PROPORTIONS
—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

| District. | Mechanical loaders. | | Tons loaded. | | Percent of tons loaded. | | Accidents. | | Employees to one— | | Tons mined to one— | | To 1,000 employees. | | To 1,000,000 tons mined. | |
|--------------|---------------------|------------|--------------|---------------|-------------------------|--------------|---------------|----------|-------------------|--------|--------------------|---------|---------------------|-----------|--------------------------|----------|
| | Loading machines. | Conveyors. | Total. | Mechanically. | By hand. | Strip mines. | Mechanically. | By hand. | Strip mines. | Fatal. | Non-fatal. | Killed. | Injured. | Killed. | Injured. | Injured. |
| | | | | | | | | | | | | | | | | |
| First. | — | — | — | — | 325,655 | 1,451,483 | — | 18.3 | 81.7 | 2 | 158 | 705 | 8.9 | 888,569 | 11,248 | 1.1 |
| Second. | — | — | — | — | 1,568,939 | — | — | 100.0 | — | 2 | 134 | 927 | 13.7 | 784,470 | 11,709 | 1.1 |
| Third. | 1 | — | 1 | 4,000 | 689,456 | 1,144,703 | 0.2 | 37.5 | 62.3 | 2 | 92 | 739 | 16.1 | 919,080 | 19,980 | 1.3 |
| Fourth. | 50 | 255 | 255 | 4,349,790 | 1,706,839 | — | 71.8 | 28.2 | — | 10 | 480 | 573 | 12.0 | 605,663 | 12,618 | 1.7 |
| Fifth. | 32 | 33 | 45 | 568,249 | 1,235,523 | 36,203 | 30.9 | 67.1 | 2.0 | 7 | 226 | 369 | 11.4 | 262,858 | 8,142 | 1.7 |
| Sixth. | 22 | 445 | 467 | 3,663,698 | 208,136 | — | 93.2 | 6.8 | — | 4 | 313 | 1,059 | 13.5 | 980,451 | 12,530 | 1.0 |
| Seventh. | 19 | 41 | 60 | 1,142,519 | 493,259 | 28,108 | 68.7 | 29.6 | 1.7 | 6 | 169 | 380 | 13.5 | 277,315 | 9,846 | 3.6 |
| Eighth. | 25 | 24 | 49 | 1,740,470 | 1,587,226 | 31,8 | 31.8 | 68.2 | — | 4 | 135 | 742 | 22.0 | 582,004 | 17,245 | 1.2 |
| Ninth. | 27 | 25 | 52 | 1,216,757 | 1,072,580 | 2,960,008 | 23.2 | 20.4 | 56.4 | 4 | 171 | 991 | 23.2 | 1,312,486 | 30,701 | 1.0 |
| Tenth. | 109 | 383 | 492 | 5,365,594 | 2,414,568 | — | 69.0 | 31.0 | — | 20 | 578 | 430 | 14.5 | 389,008 | 13,460 | 2.4 |
| Eleventh. | 2 | 29 | 31 | 323,141 | 2,145,386 | 203,166 | 11.9 | 78.5 | 9.6 | 4 | 320 | 953 | 11.9 | 682,923 | 8,537 | 1.0 |
| Twelfth. | 14 | 155 | 169 | 1,235,986 | 539,538 | 123,628 | 65.1 | 28.4 | 6.5 | 7 | 141 | 318 | 15.8 | 271,307 | 13,469 | 3.7 |
| Total. | 281 | 1,340 | 1,621 | 18,600,174 | 14,047,135 | 6,008,218 | 48.1 | 36.3 | 15.6 | 72 | 2,917 | 599 | 14.0 | 536,882 | 13,252 | 1.8 |
| Local mines. | — | — | — | — | 2,854,525 | 214,026 | — | 93.0 | 7.0 | 14 | 216 | 611 | 39.6 | 219,182 | 14,206 | 1.6 |
| All mines. | 281 | 1,340 | 1,621 | 18,600,174 | 16,901,660 | 6,222,244 | 44.6 | 40.5 | 14.9 | 86 | 3,133 | 576 | 15.8 | 485,104 | 13,318 | 1.7 |
| | | | | | | | | | | | | | | | | 63.3 |
| | | | | | | | | | | | | | | | | 75.1 |

TABLE 57—SUMMARY—EMPLOYEES, TIME WORKED, EXPLOSIVES USED, MINING MACHINES, METHODS OF MINING, HAULAGE, NUMBER OF MOTORS AND MULES USED—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

| District. | Employees. | | Average days worked. | Explosives used in blasting coal. | | | | Number of mining machines used. | Tons mined by— | | | Haulage. | |
|------------------|---------------|-------------|----------------------|-----------------------------------|------------------------|-------------------|-----------------------|---------------------------------|----------------|------------|------------|-----------------|----------------|
| | Under-ground. | On surface. | Total. | Powder, kegs. | Pellet powder, pounds. | Dynamite, pounds. | Permissibles, pounds. | | Hand. | Machine. | Stripping. | Motors, number. | Mules, number. |
| First..... | 920 | 490 | 1,410 | 8,177 | 28,100 | 2,475 | ----- | 5 | 200,542 | 125,113 | 1,451,483 | 4 | 98 |
| Second..... | 1,712 | 142 | 1,854 | 4,107 | 350,450 | ----- | ----- | 69 | 153,750 | 1,415,180 | ----- | 26 | 150 |
| Third..... | 1,029 | 449 | 1,478 | 10,178 | 108,317 | 2,085 | 26,950 | 43 | 74,417 | 619,030 | 1,144,703 | 19 | 113 |
| Fourth..... | 4,813 | 917 | 5,730 | 59,139 | 2,917,375 | 960 | 29,500 | 69 | 1,496,901 | 4,560,728 | ----- | 146 | 263 |
| Fifth..... | 2,285 | 300 | 2,585 | 1,813 | 234,525 | 49,350 | 142,050 | 67 | 9,818 | 1,763,984 | 36,203 | 31 | 89 |
| Sixth..... | 3,742 | 493 | 4,235 | 2,452 | 124,121 | ----- | 334,000 | 65 | ----- | 3,921,804 | ----- | 123 | 59 |
| Seventh..... | 1,931 | 344 | 2,275 | 6,545 | 92,750 | 25 | 46,125 | 60 | 16,190 | 1,619,588 | 28,109 | 48 | 85 |
| Eighth..... | 2,552 | 415 | 2,967 | 77,689 | 246,500 | ----- | 2,750 | 56 | 1,048,845 | 1,278,851 | 318 | 62 | 166 |
| Ninth..... | 2,575 | 1,390 | 3,965 | 124 | 13,849 | 44,390 | 203,250 | 105 | 139,878 | 2,149,459 | 2,960,608 | 75 | 127 |
| Tenth..... | 6,908 | 1,499 | 8,407 | ----- | ----- | ----- | 725,775 | 279 | ----- | 7,780,162 | ----- | 376 | 79 |
| Eleventh..... | 3,279 | 533 | 3,812 | 79 | 110,700 | 66 | 169,180 | 164 | ----- | 2,408,527 | 293,166 | 172 | 133 |
| Twelfth..... | 1,760 | 475 | 2,235 | 4,494 | 134,150 | 200 | 145,050 | 58 | 112,866 | 1,662,658 | 123,628 | 74 | 52 |
| Total..... | 33,496 | 7,447 | 40,943 | 188,522 | 4,622,163 | 99,541 | 1,873,630 | 1,042 | 3,252,207 | 29,395,102 | 6,008,218 | 1,156 | 1,414 |
| Local mines..... | 6,844 | ----- | 6,844 | 100,642 | 142,443 | 165 | 3,750 | 107 | 1,729,867 | 1,124,658 | ----- | ----- | ----- |
| All mines..... | 40,340 | 9,159 | 49,499 | 289,164 | 4,764,606 | 99,706 | 1,877,380 | 1,149 | 4,982,074 | 30,519,760 | 6,222,244 | 1,156 | 1,414 |

TABLE 58—SUMMARY OF PHYSICAL AND MECHANICAL CHARACTERISTICS OF SHIPPING MINES BY DISTRICTS.

| District. | Num- ber of mines. | Kind of opening. | | | | Manner of working. | | Haulage. | | Hoisting. | | Loading. | | Mining by. | | | Number of mines using— | | | | | |
|---------------|--------------------------|------------------|--------|--------|--------|-----------------------|------------|-------------|------------|-----------------|--------|-----------|---------------|------------|-------------------|---------------|---------------------------|-------------------|--------------|----------------|------------|--|
| | | Shaft. | Slope. | Drift. | Strip. | Pillar and room. | Long wall. | Motor only. | Mule only. | Motor and mule. | Steam. | Electric. | Machine only. | Hand only. | Machine and band. | Machine only. | Hand only. | Machine and band. | Open lights. | Closed lights. | Rock dust. | |
| | | | | | | | | | | | | | | | | | | | | | | |
| First..... | 7 | 4 | 3 | 1 | 3 | 1 | 3 | 1 | 3 | 3 | 1 | 3 | 4 | 4 | 1 | 2 | 1 | 1 | 4 | 4 | | |
| Second..... | 8 | 4 | 3 | 1 | | 6 | 2 | | | 8 | 2 | 6 | | | 5 | 3 | 3 | 1 | 8 | 10 | | |
| Third..... | 15 | 8 | 2 | | 5 | 10 | | | | 7 | 3 | 5 | | | 10 | | 1 | 16 | 5 | | | |
| Fourth..... | 16 | 16 | | | | 16 | | | | 12 | 9 | 7 | | | 8 | | 2 | 2 | 5 | | | |
| Fifth..... | 7 | 3 | 2 | | 2 | as | al | 4 | | 7 | 8 | 7 | | | 3 | | 3 | 1 | 16 | | | |
| Sixth..... | 11 | 11 | | | | 11 | | | | 3 | 2 | 2 | | | 3 | | 2 | 5 | 5 | | | |
| Seventh..... | 10 | 9 | | | 1 | 9 | | | | 8 | 9 | 2 | | | 7 | | 11 | 11 | 11 | | | |
| Eighth..... | 25 | 22 | 1 | 1 | 1 | 24 | | | | 2 | 1 | 9 | | | 4 | | 7 | 1 | 9 | 9 | | |
| Ninth..... | 31 | 22 | 1 | | 8 | 23 | | | | 22 | 21 | 3 | | | 5 | | 8 | 15 | 24 | 1 | | |
| Tenth..... | 15 | 15 | | | | 15 | | | | 12 | 9 | 4 | | | 3 | | 11 | 10 | 2 | 22 | | |
| Eleventh..... | 9 | 8 | | | | 8 | | 11 | | 4 | 11 | 4 | | | 7 | | 15 | 2 | 15 | 12 | | |
| Twelfth..... | 18 | 7 | 5 | 1 | 5 | 12 | 1 | 3 | 5 | 5 | 8 | 6 | | | 1 | | 8 | 5 | 6 | 2 | | |
| Total..... | 172 | 129 | 14 | 3 | 26 | a140 | a7 | 29 | 25 | 92 | e103 | 43 | 31 | 99 | 16 | 88 | 44 | 14 | 137 | 20 | | |

(a) One mine uses both pillar and room and long wall manner of working.

(b) One mine uses both open and closed lights.

(c) Three mines use gas engines for hoisting.

REPORTS OF STATE INSPECTORS.

FIRST DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 9 | 9 | 9 | 9 | 10 |
| Number of shipping mines..... | 7 | 6 | 5 | 6 | 9 |
| Number of local mines..... | 197 | 137 | 108 | 94 | 76 |
| Number of employees underground..... | 2,261 | 1,963 | 2,061 | 1,497 | 1,754 |
| Number of employees on surface..... | 1,100 | 744 | 471 | 572 | 532 |
| Total number employed..... | 3,361 | 2,707 | 2,532 | 2,069 | 2,286 |
| Tons of coal produced in shipping mines..... | 1,777,138 | 1,891,521 | 1,867,943 | 1,868,765 | 1,542,913 |
| Tons of coal produced in local mines..... | 576,731 | 540,541 | 513,222 | 349,050 | 338,068 |
| Tons of coal produced, total..... | 2,353,869 | 2,432,062 | 2,381,165 | 2,217,815 | 1,880,981 |
| Days operated, shipping mines, average..... | 180 | 204 | 231 | 182 | 175 |
| Days operated, local mines, average..... | 111 | 132 | 133 | 125 | 141 |
| Number of undercutting machines..... | 20 | 23 | 19 | 17 | 29 |
| Tons undercut..... | 298,683 | 333,886 | 324,700 | 227,386 | 200,992 |
| Tons mined by hand..... | 496,082 | 517,249 | 421,149 | 326,924 | 415,590 |
| Tons mined in strip mines..... | 1,559,104 | 1,580,927 | 1,635,316 | 1,663,505 | 1,264,399 |
| Number of loading machines used..... | | | | | 3 |
| Tons loaded mechanically..... | | | | | 5,234 |
| Number of fatal accidents..... | 9 | 3 | 6 | 2 | 9 |
| Number of non-fatal accidents..... | 216 | 154 | 162 | 131 | 124 |
| Number of employees to each fatality..... | 373 | 906 | 422 | 1,034 | 254 |
| Number employed to each non-fatal accident..... | 14.6 | 17.6 | 15.6 | 15.8 | 18.4 |
| Tons of coal mined to each fatality..... | 261,541 | 810,687 | 396,861 | 1,108,902 | 208,998 |
| Tons mined to each non-fatal accident..... | 10,898 | 15,792 | 14,700 | 16,930 | 15,170 |
| Number of fatalities per 1,000 employed..... | 2.7 | 1.1 | 2.37 | 1.0 | 3.9 |
| Number injured per 1,000 employed..... | 64.3 | 56.7 | 64.0 | 63.3 | 54.2 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 9 | 61 | 1,468,025 | 359,636 | 1,368 | 627 | 179 | 134 | 4 | 249 | 456,915 |
| 1930..... | 9 | 76 | 1,542,913 | 338,068 | 1,440 | 846 | 147 | 141 | 9 | 124 | 208,998 |
| 1931..... | 6 | 94 | 1,868,765 | 349,050 | 1,003 | 1,066 | 182 | 125 | 2 | 131 | 1,108,902 |
| 1932..... | 5 | 108 | 1,867,943 | 513,222 | 1,086 | 1,446 | 231 | 133 | 6 | 162 | 396,861 |
| 1933..... | 6 | 137 | 1,891,521 | 540,541 | 1,308 | 1,399 | 204 | 132 | 3 | 154 | 810,687 |
| Average for 5 years. | 7 | 95 | 1,707,833 | 420,103 | 1,241 | 1,076 | 183 | 133 | 5 | 164 | 443,320 |
| 1934..... | 7 | 197 | 1,777,138 | 576,731 | 1,410 | 1,951 | 180 | 111 | 9 | 216 | 261,541 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | | +102 | +69,305 | +156,628 | +169 | +875 | —3 | —22 | +4 | +52 | 181,779 |

NEW MINES.

Buffalo Rock Coal Co., Ottawa, LaSalle County, Illinois.

FATAL ACCIDENTS.

January 9, Tony Udot, miner, age 49 years, married, was killed by a fall of rock in a local mine operated by himself. He leaves a widow.

January 15, Luther Waggener, miner, age 25 years, married, was killed in the mine of A. C. Waggener Coal Co. by fall of roof. He leaves a widow and two children.

January 18, Joseph Kandora, miner, age 65 years, single, was killed by pit cars in Matthiessen & Hegeler Zinc Company's mine.

February 1, Able Pugh, miner, age 63 years, married, was killed in Ward & Pugh's Strip mine, by a slide of earth and slate. He leaves a widow.

May 16, Clifford E. Ensminger, blacksmith, age 44 years, married, was caught in crusher rollers and killed in Midland Electric Coal Company's mine. He leaves a widow and three children.

October 1, Isaac Hulslander, miner, age 53 years, widower, died as a result of injuries received from a fall of rock on September 29 in the Pollock Coal Mine. He leaves one dependent child.

October 24, Robert Armstrong, miner, age 56 years, married, was killed by a fall of rock in the mine of the Streator Union Coal Co. He leaves a widow and two dependent children.

November 8, Alfred Hall, miner, age 56 years, widower, was killed by a fall of rock at the face of the Little Smoke Mine of George W. Roberts.

November 21, Dominic Muzzarelli, miner, age 61 years, married, was killed by coming in contact with a bare spot in a power line which had fallen from a bracket that had broken the night before at the mine of the Prairie State Coal Co. He leaves a widow and one dependent child.

Respectfully submitted,

JOSEPH B. CASASSA, *Inspector.*

FATAL ACCIDENTS, FIRST DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|------------------------|------|-------------|--------------|--------------------------------|---------------------------|----------|---------|--------|-----------|-------------|------------------------------|
| Jan. 9 | Jan. 9 | Tony Udot. | 49 | Miner. | Ottawa. | Tony Udot. | --- | 1 | 1 | 1 | 1 | 1 | 1 Fall of rock. |
| Jan. 15 | Jan. 15 | Luther Waggner. | 25 | Miner. | Ottawa. | A. C. Waggner Coal Co. | --- | 1 | 1 | 1 | 2 | 3 | 3 Fall of roof. |
| Jan. 18 | Jan. 18 | Joseph Kandora. | 65 | Miner. | LaSalle. | Matthiessen & Hegeler Zinc Co. | --- | 1 | 1 | 1 | 1 | 1 | Pit cars. |
| Feb. 1 | Feb. 1 | Able Pugh. | 63 | Miner. | Streator. | Ward & Pugh. | --- | 1 | 1 | 1 | 1 | 1 | 1 Slide of earth and slate. |
| May 16 | May 16 | Clifford E. Ensminger. | 44 | Blacksmith. | Geneseo. | Midland Electric Coal Co. | 1 | 1 | 1 | 1 | 3 | 4 | 4 Caught in crusher rollers. |
| Sept. 29 | Oct. 1 | Isaac Hulslander. | 53 | Miner. | Atkinson. | Pollock Coal Mine. | --- | 1 | 1 | 1 | 1 | 1 | 1 Fall of rock. |
| Oct. 24 | Oct. 24 | Robert Armstrong. | 56 | Miner. | Streator. | Streator Union Coal Co. | --- | 1 | 1 | 1 | 2 | 3 | 3 Fall of rock. |
| Nov. 8 | Nov. 8 | Alfred Hall. | 56 | Miner. | Coal Valley. | George W. Roberts. | --- | 1 | 1 | 1 | 1 | 2 | 2 Fall of rock. |
| Nov. 21 | Nov. 21 | Dominic Muzzarelli. | 61 | Miner. | Graenville. | Prairie State Coal Co. | --- | 1 | 1 | 1 | 1 | 2 | 2 Electrocuted. |

NON-FATAL ACCIDENTS, FIRST DISTRICT.

| Name of operator. | Number injured. | Number not re- turned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | | Loss of 30 or more days. | | | Month. | Number injured. |
|--------------------------------------|-----------------|---------------------------|-------------------------------|----------|-------------------------------------|------------|----------|--------------------------|------------|----------|-----------|--------------------|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | Days lost. | | | |
| | | | | | | Total. | Average. | | Total. | Average. | | |
| Illinois Zinc Co. | 13 | 4 | 393 | 44 | 7 | 111 | 16 | 2 | 282 | 141 | January | 22 |
| Midland Electric Coal Corp., No. 1 | 7 | 3 | 49 | 12 | 4 | 49 | 12 | 5 | 300 | 60 | February | 24 |
| Northern Illinois Coal Corp., No. 10 | 10 | | 348 | 35 | 5 | 48 | 10 | 5 | 300 | 60 | March | 26 |
| Prairie State Coal Co. | 43 | 9 | 569 | 17 | 29 | 390 | 13 | 5 | 179 | 36 | April | 5 |
| Shuler Coal Mining Co. | 15 | 2 | 270 | 21 | 11 | 157 | 14 | 2 | 113 | 57 | May | 11 |
| Union Coal Co. | 70 | 2 | 1,917 | 28 | 50 | 791 | 16 | 18 | 1,126 | 63 | June | 6 |
| | | | | | | | | | | | July | 10 |
| Shipping mines | 158 | 20 | 3,546 | 26 | 106 | 1,546 | 15 | 32 | 2,000 | 63 | August | 5 |
| Local mines | 58 | 7 | 1,369 | 27 | 38 | 569 | 15 | 13 | 800 | 62 | September | 16 |
| | | | | | | | | | | | October | 14 |
| | | | | | | | | | | | November | 32 |
| | | | | | | | | | | | December | 41 |
| Total | 216 | 27 | 4,915 | 26 | 144 | 2,115 | 15 | 45 | 2,800 | 62 | Total | *216 |

* Includes 4 accidents not reported by month in which they occurred.

BUREAU COUNTY

| Number | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | Cherry Coal Co. | Cherry | 12,378 | | | | 10,158 |
| 2 | Jones & Brewer | Sheffield | 3,800 | | | | 3,800 |
| 3 | Mapes Coal Co. | Mineral | 3,800 | | | | 3,775 |
| 4 | Spring Valley Coal Mining Co | Spring Valley | 2,681 | | | | 1,357 |
| 5 | Joe E. Clark | Mineral | 1,955 | | | | 1,955 |
| 6 | Gilbert Pollock | Sheffield | 1,869 | | | | 1,869 |
| 7 | Carlson Coal Co. | Mineral | 1,449 | | | | 1,429 |
| 8 | L. F. Brandt | Mineral | 1,400 | | | | 1,400 |
| 9 | Rocky Run Coal Co. | Tiskilwa | 1,270 | | | | 1,200 |
| 10 | Lamb & Pollock | Sheffield | 640 | | | | 640 |
| 11 | Chas. Hotchkiss & Son | Sheffield | 258 | | | | 258 |
| 12 | Pilson & Inch | Sheffield | 201 | | | | 201 |
| 13 | W. G. Thomas & Sons | Sheffield | 150 | | | | 150 |
| 13 local mines total | | | 31,851 | | | | 28,192 |

GRUNDY COUNTY

| | | | | | | | |
|---------------------|--------------------------|------------------|---------|--|--|--|---------|
| LOCAL MINES. | | | | | | | |
| 1 | Morris Coal & Mining Co. | Morris | 54,385 | | | | 54,375 |
| 2 | Verona Coal Co. | Verona | 46,195 | | | | 46,195 |
| 3 | Skinner Coal Co. | South Wilmington | 30,402 | | | | 29,237 |
| 4 | Schramm Bros | Coal City | 2,904 | | | | 2,864 |
| 5 | Robert Condon | Morris | 2,364 | | | | 2,364 |
| 6 | Goose Lake Coal Co. | Coal City | 1,324 | | | | 1,320 |
| 7 | Peart & Nicolson | Coal City | 881 | | | | 876 |
| 7 local mines total | | | 138,455 | | | | 137,231 |

HENRY COUNTY

| | | | | | | | |
|------------------------|------------------------------------|-------------|---------|---------|--------|----|--------|
| SHIPPING MINES. | | | | | | | |
| 1 | Midland Electric Coal Corp., No. 1 | Atkinson | 489,968 | 448,258 | 20,078 | 21 | 11,303 |
| 2 | Shuler Coal Mining Co. | Alpha | 69,649 | 53,904 | 2,192 | | 13,082 |
| 2 shipping mines total | | | 559,617 | 502,162 | 22,270 | 21 | 24,385 |
| LOCAL MINES. | | | | | | | |
| 1 | Valley View Coal Co. | Coal Valley | 36,606 | | | | 36,402 |
| 2 | Warner Coal Co. | Orion | 25,401 | | | | 25,401 |
| 3 | Black Hawk Coal Co. | Coal Valley | 7,289 | | | | 7,278 |
| 4 | Quality Coal Mine | Geneseo | 7,131 | | | | 6,492 |
| 5 | Good Luck Coal Co. | Kewanee | 4,380 | | | | 4,250 |
| 6 | Wm. T. Lamb & Son | Kewanee | 3,440 | | | | 3,440 |
| 7 | Bates & Price | Kewanee | 2,893 | | | | 2,893 |
| 8 | North Coal Co. | Kewanee | 2,588 | | | | 2,358 |
| 9 | North East Coal Co. | Kewanee | 2,309 | | | | 2,229 |
| 10 | Kewanee Coal Co. | Kewanee | 2,120 | | | | 2,000 |
| 11 | Crescent Coal Co. | Kewanee | 2,039 | | | | 1,820 |
| 12 | Roy McDaniel | Kewanee | 2,000 | | | | 1,975 |
| 13 | Mineral Creek Coal Co. | Moline | 1,304 | | | | 1,304 |

FIRST DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 2,220 | | 27 | 220 | 200 | | | | 1 | | 12,378 | | | | 1 |
| | | 12 | 200 | 180 | | | | | | | 3,800 | | | 2 |
| 25 | | 13 | 150 | | | | | | | | 3,800 | | | 3 |
| 1,324 | | 111 | 30 | | | | | | | | 2,681 | | | 4 |
| | | 12 | 210 | | | | | | | | 1,955 | | | 5 |
| | | 7 | 300 | 60 | | | | | | | 1,869 | | | 6 |
| 20 | | 9 | 185 | | | | | | | | 1,449 | | | 7 |
| | | 9 | 90 | | | | | | | | 1,400 | | | 8 |
| 70 | | 7 | 90 | | | | | | | | | 1,270 | | 9 |
| | | 4 | 140 | | | | | | | | 640 | | | 10 |
| | | 6 | 130 | | | | | | | | 258 | | | 11 |
| | | 1 | 150 | | | | | | | | | 201 | | 12 |
| | | 3 | 50 | | | | | | | | | 150 | | 13 |
| 3,659 | | 221 | 150 | 440 | | | | 1 | | 12,378 | 17,852 | 1,621 | | |

FIRST DISTRICT.

| | | | | | | | | | | | | | | |
|-------|--|-----|-----|----|--------|--|--|---|--|--------|--------|--------|--|---|
| 10 | | 27 | 250 | | 7,500 | | | | | | | 54,385 | | 1 |
| | | 62 | 202 | | 7,250 | | | 3 | | 46,195 | | | | 2 |
| 1,165 | | 118 | 173 | 66 | | | | | | | 30,402 | | | 3 |
| 40 | | 11 | 141 | | | | | | | | 2,904 | | | 4 |
| | | 8 | 175 | | | | | | | | 2,364 | | | 5 |
| 4 | | 11 | 60 | | | | | | | | 1,324 | | | 6 |
| 5 | | 7 | 69 | | | | | | | | 881 | | | 7 |
| 1,224 | | 244 | 153 | 66 | 14,750 | | | 3 | | 46,195 | 37,875 | 54,385 | | |

FIRST DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|--|-------|--|---|--|--------|--------|---------|----|----|
| 5,409 | 4,899 | 120 | 279 | 2,380 | | 2,475 | | | | | | 489,968 | | 1 |
| 149 | 322 | 138 | 150 | 5,797 | | | | | | | 69,649 | | 12 | 2 |
| 5,558 | 5,221 | 258 | 215 | 8,177 | | 2,475 | | | | | 69,649 | 489,968 | 12 | |
| 204 | | 58 | 204 | 1,665 | | | | 1 | | 16,406 | 20,200 | | | 1 |
| | | 68 | 172 | 2,112 | | | | | | | 25,401 | | | 2 |
| 11 | | 16 | 197 | 454 | | | | | | | 7,289 | | | 3 |
| 639 | | 14 | 235 | 538 | | | | | | | 7,131 | | | 4 |
| 130 | | 13 | 241 | | | | | | | | 4,380 | | | 5 |
| | | 10 | 140 | | | | | | | | 3,440 | | | 6 |
| | | 11 | 165 | | | | | | | | 2,893 | | | 7 |
| 200 | | 9 | 160 | | | | | | | | 2,588 | | | 8 |
| 80 | | 10 | 156 | | | | | | | | 2,309 | | | 9 |
| 120 | | 15 | 103 | | | | | 1 | | 2,120 | | | | 10 |
| 219 | | 7 | 240 | | | | | | | | 2,039 | | | 11 |
| 25 | | 6 | 130 | | | | | | | | 2,000 | | | 12 |
| | | 4 | 215 | 76 | | | | | | | 1,304 | | | 13 |

HENRY COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|------------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 14 | Black Diamond Coal Co..... | Kewanee..... | 990 | ----- | ----- | ----- | 990 |
| 15 | Pony Coal Co..... | Coal Valley..... | 600 | ----- | ----- | ----- | 600 |
| 16 | Black Hawk Coal Co..... | Kewanee..... | 532 | ----- | ----- | ----- | 532 |
| 17 | Pettit & Head Coal Co..... | Kewanee..... | 483 | ----- | ----- | ----- | 483 |
| 18 | Munson Coal Co., No. 2..... | Geneseo..... | 478 | ----- | ----- | ----- | 478 |
| 19 | Abb Hodgett..... | Kewanee..... | 392 | ----- | ----- | ----- | 352 |
| 20 | Munson Coal Co., No. 1..... | Geneseo..... | 384 | ----- | ----- | ----- | 384 |
| 21 | Standard Coal Co..... | Kewanee..... | 363 | ----- | ----- | ----- | 363 |
| 22 | Sunnyside Coal Co., No. 2..... | Coal Valley..... | 240 | ----- | ----- | ----- | 240 |
| 23 | Mud Creek Cooperative Coal Co..... | Kewanee..... | 225 | ----- | ----- | ----- | 129 |
| 24 | Radcliffe Fuel Co..... | Kewanee..... | 210 | ----- | ----- | ----- | 210 |
| 25 | M. J. Anderson..... | Galva..... | 200 | ----- | ----- | ----- | 200 |
| 26 | Square Deal Coal Co..... | Kewanee..... | 130 | ----- | ----- | ----- | 130 |
| 27 | Hayes & Allison..... | Kewanee..... | 129 | ----- | ----- | ----- | 129 |
| 28 | Toteno Coal Co..... | Kewanee..... | 115 | ----- | ----- | ----- | 115 |
| 29 | Bennett & Crist..... | Geneseo..... | 100 | ----- | ----- | ----- | 100 |
| 30 | Black Fox Coal Co..... | Carbon Cliff..... | 50 | ----- | ----- | ----- | 50 |
| 31 | Frank Milan..... | Geneseo..... | 50 | ----- | ----- | ----- | 50 |
| 32 | Sunnyside Coal Co., No. 1..... | Coal Valley..... | 45 | ----- | ----- | ----- | 45 |
| 33 | Briar Bluff Mine..... | Geneseo..... | 25 | ----- | ----- | ----- | 25 |
| 33 local mines total..... | | | 105,241 | ----- | ----- | ----- | 103,477 |
| 35 all mines total..... | | | 664,858 | 502,162 | 22,270 | 21 | 127,862 |

LA SALLE COUNTY

| SHIPPING MINES. | | | | | | |
|-----------------------------|-------------------------------------|------------------|---------|--------|-------|---------|
| 1 | Union Coal Co..... | Peru..... | 136,184 | 60,099 | ----- | 75,848 |
| 2 | Illinois Zinc Co., No. 3..... | Peru..... | 38,909 | 14,472 | ----- | 24,137 |
| 3 | Buffalo Rock Coal Co..... | Ottawa..... | 14,714 | 5,080 | 141 | 8,607 |
| 3 shipping mines total..... | | | 189,807 | 79,651 | 141 | 108,592 |
| LOCAL MINES. | | | | | | |
| 1 | Matthiessen & Hegeler Zinc Co..... | LaSalle..... | 66,070 | ----- | ----- | 66,070 |
| 2 | French Coal Co..... | Streator..... | 17,281 | ----- | ----- | 17,281 |
| 3 | Fletcher-Smith Coal Co..... | Ottawa..... | 6,227 | ----- | ----- | 6,027 |
| 4 | Alex McLean..... | Ottawa..... | 4,500 | ----- | ----- | 4,280 |
| 5 | Marseilles & Ottawa Coal Co..... | Marseilles..... | 4,450 | ----- | ----- | 4,010 |
| 6 | Starved Rock Coal & Mining Co..... | Utica..... | 4,040 | ----- | ----- | 4,040 |
| 7 | Streator Union Coal Co..... | Streator..... | 2,828 | ----- | ----- | 2,796 |
| 8 | Chicago Retort & Fire Brick Co..... | Ottawa..... | 2,280 | ----- | ----- | 2,280 |
| 9 | Proudfoot & Davis..... | Streator..... | 2,000 | ----- | ----- | 2,000 |
| 10 | Congress Construction Co..... | Marseilles..... | 1,500 | ----- | ----- | 1,500 |
| 11 | Munts Coal Co..... | Streator..... | 1,432 | ----- | ----- | 1,432 |
| 12 | Stevenson & Myers..... | Ottawa..... | 1,250 | ----- | ----- | 1,200 |
| 13 | Marseilles Strip Mine..... | Marseilles..... | 1,203 | ----- | ----- | 1,203 |
| 14 | Mitchell & Brown..... | Streator..... | 1,081 | ----- | ----- | 1,081 |
| 15 | East Ottawa Relief Mines..... | Ottawa..... | 1,000 | ----- | ----- | 1,000 |
| 16 | Blue Eagle Coal Co..... | Streator..... | 987 | ----- | ----- | 987 |
| 17 | Andrew Kollar..... | Streator..... | 891 | ----- | ----- | 891 |
| 18 | Point Rock Coal Co..... | Cedar Point..... | 600 | ----- | ----- | 600 |
| 19 | Ray Bros..... | Streator..... | 564 | ----- | ----- | 564 |

FIRST DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|-----------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| ----- | ----- | 12 | 222 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | 990 | ----- | ----- | 14 |
| ----- | ----- | 3 | 100 | 35 | ----- | ----- | ----- | ----- | ----- | ----- | 600 | ----- | ----- | 15 |
| ----- | ----- | 5 | 85 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 532 | ----- | ----- | 16 |
| ----- | ----- | 6 | 77 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 483 | ----- | ----- | 17 |
| ----- | ----- | 5 | 80 | 48 | ----- | ----- | ----- | ----- | ----- | ----- | 478 | ----- | ----- | 18 |
| 40 | ----- | 4 | 80 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 392 | ----- | ----- | 19 |
| ----- | ----- | 9 | 48 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | 384 | ----- | ----- | 20 |
| ----- | ----- | 5 | 56 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 363 | ----- | ----- | 21 |
| ----- | ----- | 2 | 120 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | 240 | ----- | ----- | 22 |
| ----- | ----- | 7 | 16 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 225 | ----- | ----- | 23 |
| 96 | ----- | 4 | 35 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 210 | ----- | ----- | 24 |
| ----- | ----- | 5 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 200 | ----- | ----- | 25 |
| ----- | ----- | 5 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 130 | ----- | ----- | 26 |
| ----- | ----- | 5 | 55 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 129 | ----- | ----- | 27 |
| ----- | ----- | 3 | 166 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 115 | ----- | ----- | 28 |
| ----- | ----- | 2 | 100 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | ----- | 29 |
| ----- | ----- | 4 | 60 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | 50 | ----- | ----- | 30 |
| ----- | ----- | 2 | 10 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 50 | ----- | 31 |
| ----- | ----- | 2 | 45 | 6 | ----- | ----- | ----- | ----- | ----- | ----- | 45 | ----- | ----- | 32 |
| ----- | ----- | 2 | 14 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 25 | ----- | ----- | 33 |
| 1,764 | ----- | 333 | 118 | 5,109 | ----- | ----- | ----- | 2 | ----- | 18,526 | 86,665 | 50 | ----- | ----- |
| 7,322 | 5,221 | 591 | 123 | 13,286 | ----- | 2,475 | ----- | 2 | ----- | 18,526 | 156,314 | 490,018 | 12 | ----- |

FIRST DISTRICT.

| | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|--------|--------|-------|
| 237 | ----- | 258 | 236 | ----- | ----- | ----- | 5 | 1 | 125,113 | 11,071 | ----- | 32 | 1 |
| 300 | ----- | 163 | 130 | ----- | ----- | ----- | ----- | 1 | ----- | 38,909 | ----- | 16 | 2 |
| ----- | 886 | 24 | 90 | ----- | 2,800 | ----- | ----- | ----- | ----- | ----- | 14,714 | ----- | 3 |
| 537 | 886 | 445 | 152 | ----- | 2,800 | ----- | ----- | 5 | 2 | 125,113 | 49,980 | 14,714 | 48 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| ----- | ----- | 108 | 209 | 264 | ----- | ----- | 6 | ----- | 66,070 | ----- | ----- | ----- | 1 |
| ----- | ----- | 38 | 155 | 900 | ----- | ----- | ----- | ----- | ----- | 17,281 | ----- | ----- | 2 |
| 200 | ----- | 12 | 229 | ----- | ----- | ----- | ----- | ----- | ----- | 6,227 | ----- | ----- | 3 |
| 220 | ----- | 7 | 220 | 70 | ----- | ----- | ----- | ----- | ----- | ----- | 4,500 | ----- | 4 |
| 440 | ----- | 30 | 139 | ----- | ----- | ----- | ----- | ----- | ----- | 4,450 | ----- | ----- | 5 |
| ----- | ----- | 19 | 84 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 4,040 | ----- | 6 |
| 32 | ----- | 7 | 175 | 80 | ----- | ----- | ----- | ----- | ----- | 2,828 | ----- | ----- | 7 |
| ----- | ----- | 2 | 25 | 35 | ----- | ----- | ----- | ----- | ----- | ----- | 2,280 | ----- | 8 |
| ----- | ----- | 6 | 75 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | 2,000 | ----- | 9 |
| ----- | ----- | 5 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 1,500 | ----- | 10 |
| ----- | ----- | 12 | 65 | 42 | ----- | ----- | ----- | ----- | ----- | 1,432 | ----- | ----- | 11 |
| 50 | ----- | 6 | 115 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 1,250 | ----- | 12 |
| ----- | ----- | 4 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 1,203 | ----- | 13 |
| ----- | ----- | 4 | 200 | 65 | ----- | ----- | ----- | ----- | ----- | 1,081 | ----- | ----- | 14 |
| ----- | ----- | 80 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 1,000 | ----- | 15 |
| ----- | ----- | 4 | 120 | 56 | ----- | ----- | ----- | ----- | ----- | 987 | ----- | ----- | 16 |
| ----- | ----- | 3 | 180 | 12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 17 |
| ----- | ----- | 7 | 100 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | 600 | ----- | 18 |
| ----- | ----- | 4 | 72 | 18 | ----- | ----- | ----- | ----- | ----- | ----- | 564 | ----- | 19 |

LA SALLE COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|--------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 20 | Chas. J. Brooker | Utica | 547 | | | | 547 |
| 21 | Kickapoo Coal Co. | Marseilles | 525 | | | | 425 |
| 22 | South Ottawa Coal Co. | Ottawa | 500 | | | | 500 |
| 23 | Wood & Ryan | Streator | 500 | | | | 500 |
| 24 | Smith & Harrington Co., No. 1. | Marseilles | 444 | | | | 444 |
| 25 | Lacy Van Grundy | Streator | 440 | | | | 440 |
| 26 | Ottawa Relief, "West" | Ottawa | 400 | | | | 400 |
| 27 | Rutland Coal Co. | Rutland | 400 | | | | 250 |
| 28 | James Starkey | Tonica | 400 | | | | 400 |
| 29 | Streator Relief | Streator | 400 | | | | 400 |
| 30 | Waggener Coal Co. | Ottawa | 382 | | | | 382 |
| 31 | Smith Bros. | Marseilles | 375 | | | | 350 |
| 32 | George Bavolar | Streator | 350 | | | | 350 |
| 33 | McCleron Bros. | Streator | 325 | | | | 325 |
| 34 | James Moran | Streator | 325 | | | | 325 |
| 35 | William Brooker | Utica | 320 | | | | 320 |
| 36 | Prator & Son | Ottawa | 300 | | | | 300 |
| 37 | Saulsby & Fulwiler | Streator | 300 | | | | 300 |
| 38 | Senko Coal Co. | Streator | 300 | | | | 300 |
| 39 | Faletto Bros. Coal Co. | Marseilles | 294 | | | | 290 |
| 40 | Beguin Coal Co. | Ottawa | 290 | | | | 290 |
| 41 | Armstrong & Ray | Streator | 275 | | | | 275 |
| 42 | Albert Worthington | Streator | 265 | | | | 265 |
| 43 | Wilson Mine | Ottawa | 258 | | | | 258 |
| 44 | Fox River Clay Works | Dayton | 250 | | | | 250 |
| 45 | Bailey Falls Coal Mine | Cedar Point | 247 | | | | 247 |
| 46 | D. D. Hamilton | Streator | 225 | | | | 225 |
| 47 | C. L. Ritz | Ottawa | 210 | | | | 210 |
| 48 | Payne & Littrell | Utica | 208 | | | | 208 |
| 49 | Frank Block | LaSalle | 207 | | | | 207 |
| 50 | Adam Ampusitis | Ottawa | 200 | | | | 200 |
| 51 | Black & White Coal Co. | Streator | 200 | | | | 200 |
| 52 | Frank Cenkouch | Streator | 200 | | | | 200 |
| 53 | Smith & Harrington, No. 2 | Marseilles | 200 | | | | 200 |
| 54 | Thomas Coal Co. | Streator | 181 | | | | 181 |
| 55 | John Martino | Utica | 180 | | | | 180 |
| 56 | Vermillion Coal Co. | Peru | 169 | | | | 169 |
| 57 | Andrew Harcharek & Co. | Streator | 150 | | | | 150 |
| 58 | Ruyon Coal Co. | Tonica | 150 | | | | 150 |
| 59 | Walsh & Woodward | Ottawa | 150 | | | | 150 |
| 60 | Barnhart Coal Co. | Streator | 135 | | | | 135 |
| 61 | Crawford Coal Co. | Streator | 135 | | | | 135 |
| 62 | Latchford Bros. | LaSalle | 135 | | | | 135 |
| 63 | John Johnson | Ottawa | 115 | | | | 115 |
| 64 | L. Sanchez | Ottawa | 110 | | | | 110 |
| 65 | Big Four Coal Co. | Ottawa | 105 | | | | 105 |
| 66 | Harold Dicken | Ottawa | 100 | | | | 100 |
| 67 | Jerry Looney | Ottawa | 100 | | | | 100 |
| 68 | Mike Kenegan | Ottawa | 100 | | | | 100 |
| 69 | Martin Coal Co. | Streator | 100 | | | | 100 |
| 70 | Miller & Co. | Ottawa | 100 | | | | 100 |
| 71 | Ottawa Coal Co. | Ottawa | 100 | | | | 100 |
| 72 | John Pohar | LaSalle | 100 | | | | 100 |
| 73 | Henry Price | Ottawa | 100 | | | | 100 |
| 74 | Frank Roberts | Ottawa | 100 | | | | 100 |
| 75 | Smith Mine | Streator | 100 | | | | 100 |
| 76 | Massey Bros. | Tonica | 96 | | | | 96 |
| 77 | Swanson & Burgess | Utica | 95 | | | | 95 |
| 78 | Pat Fitzgerald | Ottawa | 80 | | | | 80 |
| 79 | James George | Ottawa | 80 | | | | 77 |
| 80 | Armstrong & Phelps | Ottawa | 75 | | | | 75 |
| 81 | Johnson Coal Co. | Ottawa | 75 | | | | 75 |
| 82 | Holloway Coal Co. | Ottawa | 58 | | | | 58 |
| 83 | C. H. McCullough & Sons | Ottawa | 58 | | | | 50 |
| 84 | Mooney Coal Co. | Ottawa | 55 | | | | 55 |
| 85 | Shaws Hill Mine | LaSalle | 25 | | | | 25 |
| 85 local mines total | | | 134,658 | | | | 133,426 |
| 88 all mines total | | | 324,465 | 79,651 | 141 | | 242,018 |

FIRST DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 100 | | 3 | 140 | 25 | | | | | | | 547 | | | 20 |
| | | 12 | 75 | 2 | | | | | | | 525 | | | 21 |
| | | 9 | 90 | | | | | | | | | 500 | | 22 |
| | | 6 | 70 | | | | | | | | | 500 | | 23 |
| | | 15 | 15 | | | | | | | | | | 444 | 24 |
| | | 3 | 300 | | | | | | | | 440 | | | 25 |
| | | 25 | 40 | | | | | | | | | 400 | | 26 |
| 150 | | 10 | 120 | 200 | | | | | | | 400 | | | 27 |
| | | 5 | 150 | 20 | | | | | | | 400 | | | 28 |
| | | 15 | 60 | | | | | | | | | 400 | | 29 |
| | | 5 | 100 | 15 | | | | | | | 382 | | | 30 |
| 25 | | 7 | 67 | | | | | | | | 375 | | | 31 |
| | | 6 | 60 | 12 | | | | | | | 350 | | | 32 |
| | | 12 | 190 | 15 | | | | | | | 325 | | | 33 |
| | | 3 | 102 | 20 | | | | | | | 325 | | | 34 |
| | | 3 | 125 | 10 | | | | | | | 320 | | | 35 |
| | | 3 | 140 | 3 | | | | | | | | 300 | | 36 |
| | | 3 | 90 | 25 | | | | | | | 300 | | | 37 |
| | | 3 | 100 | 5 | | | | | | | 300 | | | 38 |
| 4 | | 3 | 102 | 2 | | | | | | | 294 | | | 39 |
| | | 3 | 190 | 23 | | | | | | | 290 | | | 40 |
| | | 3 | 60 | 13 | | | | | | | 275 | | | 41 |
| | | 3 | 90 | 4 | | | | | | | 265 | | | 42 |
| | | 3 | 135 | | | | | | | | | 238 | | 43 |
| | | 5 | 65 | | | | | | | | | 250 | | 44 |
| | | 5 | 90 | 28 | | | | | | | 247 | | | 45 |
| | | 5 | 95 | | | | | | | | 225 | | | 46 |
| | | 5 | 90 | 2 | | | | | | | | 210 | | 47 |
| | | 6 | 208 | | | | | | | | 208 | | | 48 |
| | | 4 | 150 | 5 | | | | | | | 207 | | | 49 |
| | | 5 | 115 | 15 | | | | | | | 200 | | | 50 |
| | | 5 | 40 | | | | | | | | | 200 | | 51 |
| | | 12 | 70 | | | | | | | | 200 | | | 52 |
| | | 3 | 40 | | | | | | | | | 200 | | 53 |
| | | 3 | 45 | 12 | | | | | | | 181 | | | 54 |
| | | 3 | 75 | 5 | | | | | | | 180 | | | 55 |
| | | 4 | 42 | | 250 | | | | | | 169 | | | 56 |
| | | 5 | 57 | 10 | | | | | | | 150 | | | 57 |
| | | 5 | 65 | 3 | | | | | | | | 150 | | 58 |
| | | 6 | 35 | | | | | | | | | 150 | | 59 |
| | | 3 | 60 | 4 | | | | | | | 135 | | | 60 |
| | | 3 | 100 | 5 | | | | | | | | 135 | | 61 |
| | | 5 | 115 | 8 | | | | | | | 135 | | | 62 |
| | | 3 | 65 | 4 | | | | | | | | 115 | | 63 |
| | | 4 | 30 | | | | | | | | | 110 | | 64 |
| | | 3 | 30 | | | | | | | | | 105 | | 65 |
| | | 4 | 60 | 1 | | | | | | | | 100 | | 66 |
| | | 4 | 25 | | | | | | | | | 100 | | 67 |
| | | 4 | 10 | | | | | | | | | 100 | | 68 |
| | | 3 | 30 | 2 | | | | | | | | 100 | | 69 |
| | | 4 | 30 | | | | | | | | | 100 | | 70 |
| | | 2 | 90 | | | | | | | | 100 | | | 71 |
| | | 2 | 65 | 2 | | | | | | | 100 | | | 72 |
| | | 5 | 45 | | | | | | | | | 100 | | 73 |
| | | 2 | 100 | 3 | | | | | | | 100 | | | 74 |
| | | 2 | 100 | 4 | | | | | | | 100 | | | 75 |
| | | 2 | 135 | 2 | | | | | | | 96 | | | 76 |
| | | 2 | 90 | 3 | | | | | | | 95 | | | 77 |
| | | 3 | 100 | 3 | | | | | | | 80 | | | 78 |
| 3 | | 4 | 100 | 6 | | | | | | | 80 | | | 79 |
| | | 4 | 90 | 5 | | | | | | | 75 | | | 80 |
| | | 2 | 90 | 2 | | | | | | | 75 | | | 81 |
| | | 2 | 25 | 1 | | | | | | | | 55 | | 82 |
| 8 | | 3 | 75 | 2 | | | | | | | 55 | | | 83 |
| | | 2 | 31 | | | | | | | | 25 | | | 84 |
| | | 2 | 150 | | | | | | | | | | | 85 |
| 1,232 | | 655 | 95 | 2,131 | 250 | | | 6 | | 66,070 | 44,839 | 23,749 | | |
| 1,769 | 886 | 1,100 | 97 | 2,131 | 3,050 | | | 11 | 2 | 191,183 | 94,819 | 38,463 | 48 | |

LIVINGSTON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|--|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | Fairbury Co-Operative Coal Co. | Fairbury | 10,396 | | | | 9,929 |
| 2 | Coalville Coal Co., Inc. | Streator | 4,763 | | | | 4,763 |
| 3 | Allan Anderson | Streator | 2,955 | | | | 2,955 |
| 4 | Bee Coal Co. | Streator | 1,200 | | | | 1,200 |
| 5 | Kudrick, Sholtis & Pitte | Streator | 982 | | | | 972 |
| 6 | Andrew Hyduk Coal Co. | Streator | 791 | | | | 741 |
| 7 | Cephas Williams | Streator | 744 | | | | 744 |
| 8 | Guyon, Roth, Mastho & Lip-tak | Streator | 410 | | | | 350 |
| 9 | Katcher, Wargo & Barry | Streator | 357 | | | | 357 |
| 10 | Stasko Bros. | Streator | 339 | | | | 337 |
| 11 | South Side Coal Co. | Streator | 338 | | | | 338 |
| 12 | McMillen Coal Co. | Streator | 327 | | | | 327 |
| 13 | H. A. Miller | Streator | 320 | | | | 300 |
| 14 | Pontiac Mining Co. | Pontiac | 320 | | | | 110 |
| 15 | Pitts & Matchko | Streator | 272 | | | | 272 |
| 16 | George Hyduk Coal Co. | Streator | 250 | | | | 166 |
| 17 | Mill Dam Coal Co. | Streator | 250 | | | | 250 |
| 18 | Barnhart Coal Co. | Streator | 205 | | | | 200 |
| 19 | J. Pivovarnik, A. Poldek & A. Majernik | Streator | 174 | | | | 145 |
| 20 | Livingston County Coal Co. | Streator | 125 | | | | 125 |
| 21 | Oscar Kimes | Streator | 120 | | | | 120 |
| 22 | Renner & Sons | Streator | 42 | | | | 40 |
| 23 | John Gall | Streator | 24 | | | | 24 |
| 24 | Geo. Bakolar | Streator | 20 | | | | 20 |
| 24 local mines total | | | 25,724 | | | | 24,785 |

MERCER COUNTY

| | | | | | | | |
|----------------------|------------------------------|-------------|--------|--|--|--|--------|
| LOCAL MINES. | | | | | | | |
| 1 | Koresko Coal Co. | Viola | 5,660 | | | | 5,340 |
| 2 | Easley Coal Co. | Viola | 5,540 | | | | 5,140 |
| 3 | Leroy Pease & Son | Viola | 4,000 | | | | 4,000 |
| 4 | Frye & Bollman | Viola | 3,660 | | | | 3,260 |
| 5 | Lee Bros. Coal Co. | Matherville | 3,497 | | | | 3,457 |
| 6 | Never Seen Coal Co. | Matherville | 3,243 | | | | 3,243 |
| 7 | Huffman Johnson | Preemption | 2,760 | | | | 2,400 |
| 8 | Kness Coal Co. | Viola | 2,603 | | | | 2,103 |
| 9 | S. C. Hartman | Matherville | 2,040 | | | | 2,040 |
| 10 | W. E. McCloskey | Matherville | 1,604 | | | | 1,604 |
| 11 | John Boden | Reynolds | 1,275 | | | | 1,275 |
| 12 | Morris Co-operative Coal Co. | Aledo | 757 | | | | 757 |
| 13 | W. F. Smith & Sons | Aledo | 707 | | | | 707 |
| 14 | Miller & Goben | Aledo | 516 | | | | 516 |
| 15 | Needham & Smith | Aledo | 508 | | | | 505 |
| 16 | Pease Coal Co. | Viola | 500 | | | | 500 |
| 17 | John Taylor | Viola | 500 | | | | 500 |
| 18 | Noble & Sons | Aledo | 380 | | | | 350 |
| 19 | Swan Young | New Windsor | 314 | | | | 314 |
| 20 | T. H. Smith & Co. | Viola | 290 | | | | 286 |
| 20 local mines total | | | 40,354 | | | | 38,327 |

FIRST DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 467 | | 26 | 186 | 95 | | | | 1 | | 10,396 | | | | 1 |
| | | 21 | 196 | 475 | | | | | | | 4,763 | | | 2 |
| | | 7 | 148 | 48 | | | | | | | 2,955 | | | 3 |
| | | 6 | 140 | | | | | | | | | 1,200 | | 4 |
| 10 | | 5 | 229 | | | | | | | | | 982 | | 5 |
| 50 | | 4 | 70 | | | | | | | | | 791 | | 6 |
| | | 5 | 90 | | | | | | | | | 744 | | 7 |
| | | 6 | 60 | | | | | | | | | 410 | | 8 |
| 60 | | 5 | 120 | 1 | | | | | | | 357 | | | 9 |
| 2 | | 6 | 75 | | | | | | | | | 339 | | 10 |
| | | 4 | 57 | | | | | | | | | 338 | | 11 |
| | | 5 | 31 | 1 | | | | | | | 327 | | | 12 |
| 20 | | 5 | 18 | | | | | | | | | 320 | | 13 |
| 210 | | 5 | 160 | 20 | | | | | | | 320 | | | 14 |
| | | 3 | 40 | | | | | | | | | 272 | | 15 |
| 84 | | 6 | 37 | | | | | | | | | 250 | | 16 |
| | | 5 | 160 | 12 | | | | | | | 250 | | | 17 |
| 5 | | 3 | 83 | | | | | | | | 205 | | | 18 |
| | | 3 | 100 | 6 | | | | | | | 174 | | | 19 |
| 29 | | 4 | 90 | 25 | | | | | | | 125 | | | 20 |
| | | 2 | 40 | | | | | | | | 120 | | | 21 |
| 2 | | 3 | 12 | 1 | | | | | | | 42 | | | 22 |
| | | 4 | 30 | | | | | | | | 24 | | | 23 |
| | | 2 | 24 | | | | | | | | | 20 | | 24 |
| 939 | | 145 | 92 | 684 | | | | 1 | | 10,396 | 9,662 | 5,666 | | |

FIRST DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-----|-----|-------|--|--|--|--|--|--|--------|--|--|--|----|
| 320 | 10 | 190 | 520 | | | | | | | 5,660 | | | | 1 |
| 400 | 17 | 143 | 475 | | | | | | | 5,540 | | | | 2 |
| | 5 | 250 | 120 | | | | | | | 4,000 | | | | 3 |
| 400 | 8 | 162 | 250 | | | | | | | 3,660 | | | | 4 |
| 40 | 9 | 175 | 350 | | | | | | | 3,497 | | | | 5 |
| | 9 | 140 | 275 | | | | | | | 3,243 | | | | 6 |
| 360 | 12 | 108 | 100 | | | | | | | 2,760 | | | | 7 |
| 500 | 15 | 172 | 300 | | | | | | | 2,603 | | | | 8 |
| | 3 | 60 | 24 | | | | | | | 2,040 | | | | 9 |
| | 5 | 200 | 70 | | | | | | | 1,604 | | | | 10 |
| | 6 | 125 | | | | | | | | 1,275 | | | | 11 |
| | 7 | 125 | 36 | | | | | | | 757 | | | | 12 |
| | 5 | 135 | 71 | | | | | | | 707 | | | | 13 |
| | 2 | 160 | 51 | | | | | | | 516 | | | | 14 |
| 3 | 2 | 175 | 64 | | | | | | | 508 | | | | 15 |
| | 10 | 150 | | | | | | | | 500 | | | | 16 |
| | 4 | 100 | 50 | | | | | | | 500 | | | | 17 |
| | 3 | 150 | 26 | | | | | | | 380 | | | | 18 |
| | 3 | 180 | 35 | | | | | | | 314 | | | | 19 |
| 4 | 5 | 86 | 42 | | | | | | | 290 | | | | 20 |
| 2,027 | 140 | 149 | 2,859 | | | | | | | 40,354 | | | | |

PUTNAM COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------|-----------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| | SHIPPING MINE. | | | | | | |
| 1 | Prairie State Coal Co.----- | Granville.----- | 80,913 | 54,270 | 6,000 | 700 | 8,100 |

ROCK ISLAND COUNTY

| LOCAL MINES. | | | | | | | |
|----------------------------|---------------------------------|-------------------|--------|-------|-------|-------|--------|
| 1 | Mielke Bros. | Coal Valley. | 50,306 | ----- | ----- | ----- | 50,250 |
| 2 | Rawalt Coal Co. | Coal Valley. | 8,663 | ----- | ----- | ----- | 8,663 |
| 3 | Highland Coal & Mining Co. | Moline. | 6,596 | ----- | ----- | ----- | 6,596 |
| 4 | Thomas McKeag. | Coal Valley. | 6,108 | ----- | ----- | ----- | 6,108 |
| 5 | Wooley, Petris & Wilson. | Coal Valley. | 2,040 | ----- | ----- | ----- | 2,040 |
| 6 | Witherspoon Bros. | Moline. | 1,620 | ----- | ----- | ----- | 1,620 |
| 7 | Progressive Coal Mine. | Moline. | 1,065 | ----- | ----- | ----- | 1,060 |
| 8 | Elite Mine. | Coal Valley. | 600 | ----- | ----- | ----- | 600 |
| 9 | Pryce Mining Co. | Coal Valley. | 590 | ----- | ----- | ----- | 552 |
| 10 | Blue Eagle Coal Mine. | Moline. | 350 | ----- | ----- | ----- | 350 |
| 11 | Odendahl Mine. | Moline. | 195 | ----- | ----- | ----- | 195 |
| 12 | Last Dollar Mine. | Moline. | 100 | ----- | ----- | ----- | 100 |
| 13 | Rural Coal Co. | Coal Valley. | 61 | ----- | ----- | ----- | 61 |
| 14 | George W. Roberts. | Coal Valley. | 4 | ----- | ----- | ----- | 4 |
| 14 local mines total. | | | 78,298 | ----- | ----- | ----- | 78,199 |

WILL COUNTY

| SHIPPING MINE. | | | | | | | |
|-------------------------|--|------------------|---------|---------|---------|-------|---------|
| 1 | Northern Illinois Coal Corp., No. 10. | Wilmington. | 946,801 | 613,963 | 223,658 | ----- | 105,192 |
| LOCAL MINE. | | | | | | | |
| 1 | Morris Coal & Mining Co. | Morris. | 22,150 | ----- | ----- | ----- | 22,140 |
| 2 all mines total. | | | 968,951 | 613,963 | 223,658 | ----- | 127,332 |

FIRST DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 1,727 | 10,116 | 436 | 92 | ----- | ----- | ----- | ----- | ----- | 2 | ----- | 80,913 | ----- | 38 | 1 |

FIRST DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
| 56 | ----- | 82 | 210 | 2,481 | ----- | ----- | ----- | 1 | ----- | 11,342 | 38,964 | ----- | ----- | 1 |
| ----- | ----- | 20 | 200 | ----- | 2,100 | ----- | ----- | 1 | ----- | 8,663 | ----- | ----- | ----- | 2 |
| ----- | ----- | 21 | 140 | 450 | ----- | ----- | ----- | ----- | ----- | ----- | 6,596 | ----- | ----- | 3 |
| ----- | ----- | 24 | 212 | 553 | ----- | ----- | ----- | ----- | ----- | ----- | 6,108 | ----- | ----- | 4 |
| ----- | ----- | 11 | 200 | 140 | ----- | ----- | ----- | ----- | ----- | ----- | 2,040 | ----- | ----- | 5 |
| ----- | ----- | 3 | 160 | 126 | ----- | ----- | ----- | ----- | ----- | ----- | 1,620 | ----- | ----- | 6 |
| 5 | ----- | 4 | 180 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | 1,065 | ----- | ----- | 7 |
| ----- | ----- | 5 | 45 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | 600 | ----- | ----- | 8 |
| 35 | ----- | 6 | 51 | 66 | ----- | ----- | ----- | ----- | ----- | ----- | 590 | ----- | ----- | 9 |
| ----- | ----- | 4 | 95 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | 350 | ----- | ----- | 10 |
| ----- | ----- | 2 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 195 | ----- | ----- | 11 |
| ----- | ----- | 4 | 48 | 15 | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | ----- | 12 |
| ----- | ----- | 9 | 7 | 8 | ----- | ----- | ----- | ----- | ----- | ----- | 61 | ----- | ----- | 13 |
| ----- | ----- | 2 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 4 | ----- | ----- | 14 |
| 99 | ----- | 197 | 115 | 3,989 | 2,100 | ----- | ----- | 2 | ----- | 20,005 | 58,293 | ----- | ----- | ----- |

FIRST DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|--------|-------|-------|-------|-------|-------|-------|---------|-------|-------|
| 2,098 | 1,890 | 271 | 283 | ----- | 25,300 | ----- | ----- | ----- | ----- | ----- | ----- | 946,801 | ----- | 1 |
| 10 | ----- | 16 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 22,150 | ----- | 1 |
| 2,108 | 1,890 | 287 | 192 | ----- | 25,300 | ----- | ----- | ----- | ----- | ----- | ----- | 968,951 | ----- | ----- |

FIRST DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|--------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Henry..... | 2 | 559,617 | 502,162 | 22,270 | 21 | 24,385 | 5,558 | 5,221 |
| LaSalle..... | 3 | 189,807 | 79,651 | 141 | ----- | 108,592 | 537 | 886 |
| Putnam..... | 1 | 80,913 | 54,270 | 6,000 | 700 | 8,100 | 1,727 | 10,116 |
| Will..... | 1 | 946,801 | 613,963 | 223,658 | ----- | 105,192 | 2,098 | 1,890 |
| Total..... | 7 | 1,777,138 | 1,250,046 | 252,069 | 721 | 246,269 | 9,920 | 18,113 |

LOCAL MINES

| | | | | | | | | |
|------------------|-----|---------|-------|-------|-------|---------|--------|-------|
| Bureau..... | 13 | 31,851 | ----- | ----- | ----- | 28,192 | 3,659 | ----- |
| Grundy..... | 7 | 138,455 | ----- | ----- | ----- | 137,231 | 1,224 | ----- |
| Henry..... | 33 | 105,341 | ----- | ----- | ----- | 103,477 | 1,764 | ----- |
| LaSalle..... | 85 | 134,658 | ----- | ----- | ----- | 133,426 | 1,232 | ----- |
| Livingston..... | 24 | 25,724 | ----- | ----- | ----- | 24,785 | 939 | ----- |
| Mercer..... | 20 | 40,354 | ----- | ----- | ----- | 38,327 | 2,027 | ----- |
| Rock Island..... | 14 | 78,298 | ----- | ----- | ----- | 78,199 | 99 | ----- |
| Will..... | 1 | 22,150 | ----- | ----- | ----- | 22,140 | 10 | ----- |
| Total..... | 197 | 576,731 | ----- | ----- | ----- | 565,777 | 10,954 | ----- |

ALL MINES

| | | | | | | | | |
|------------------|-----|-----------|-----------|---------|-------|---------|--------|--------|
| Bureau..... | 13 | 31,851 | ----- | ----- | ----- | 28,192 | 3,659 | ----- |
| Grundy..... | 7 | 138,455 | ----- | ----- | ----- | 137,231 | 1,224 | ----- |
| Henry..... | 35 | 664,858 | 502,162 | 22,270 | 21 | 127,862 | 7,322 | 5,221 |
| LaSalle..... | 88 | 324,465 | 79,651 | 141 | ----- | 242,018 | 1,769 | 886 |
| Livingston..... | 24 | 25,724 | ----- | ----- | ----- | 24,785 | 939 | ----- |
| Mercer..... | 20 | 40,354 | ----- | ----- | ----- | 38,327 | 2,027 | ----- |
| Putnam..... | 1 | 80,913 | 54,270 | 6,000 | 700 | 8,100 | 1,727 | 10,116 |
| Rock Island..... | 14 | 78,298 | ----- | ----- | ----- | 78,199 | 99 | ----- |
| Will..... | 2 | 968,951 | 613,963 | 223,658 | ----- | 127,332 | 2,108 | 1,890 |
| Total..... | 204 | 2,353,869 | 1,250,046 | 252,069 | 721 | 812,046 | 20,874 | 18,113 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mines by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|-------------------|-----------------------|---------------------------------|--------------------------|----------------|---------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dyna—mite—pounds. | Permis—sibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 258 | 215 | 8,177 | | 2,475 | | | | | 69,649 | 489,968 | 12 |
| 445 | 152 | | 2,800 | | | 5 | 2 | 125,113 | 49,980 | 14,714 | 48 |
| 436 | 92 | | | | | | 2 | | 80,913 | | 38 |
| 271 | 283 | | 25,300 | | | | | | | 946,801 | |
| 1,410 | 180 | 8,177 | 28,100 | 2,475 | | 5 | 4 | 125,113 | 200,542 | 1,451,483 | 98 |

FIRST DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|--------|--|--|----|--|---------|---------|---------|--|
| 221 | 150 | 440 | | | | 1 | | 12,378 | 17,852 | 1,621 | |
| 244 | 153 | 66 | 14,750 | | | 3 | | 46,195 | 37,875 | 54,385 | |
| 333 | 118 | 5,109 | | | | 2 | | 18,526 | 86,665 | 50 | |
| 655 | 95 | 2,131 | 250 | | | 6 | | 66,070 | 44,839 | 23,749 | |
| 145 | 92 | 684 | | | | 1 | | 10,396 | 9,662 | 5,666 | |
| 140 | 149 | 2,859 | | | | | | | 40,354 | | |
| 197 | 115 | 3,989 | 2,100 | | | 2 | | 20,005 | 58,293 | | |
| 16 | 100 | | | | | | | | | 22,150 | |
| 1,951 | 111 | 15,278 | 17,100 | | | 15 | | 173,570 | 295,540 | 107,621 | |

FIRST DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|--------|-------|--|----|---|---------|---------|-----------|----|
| 221 | 150 | 440 | | | | 1 | | 12,378 | 17,852 | 1,621 | |
| 244 | 153 | 66 | 14,750 | | | 3 | | 46,195 | 37,875 | 54,385 | |
| 591 | 123 | 13,286 | | 2,475 | | 2 | | 18,526 | 156,314 | 490,018 | 12 |
| 1,100 | 97 | 2,131 | 3,050 | | | 11 | 2 | 191,183 | 94,819 | 38,463 | 48 |
| 145 | 92 | 684 | | | | 1 | | 10,396 | 9,662 | 5,666 | |
| 140 | 149 | 2,859 | | | | | | | 40,354 | | |
| 436 | 92 | | | | | | 2 | | 80,913 | | 38 |
| 197 | 115 | 3,989 | 2,100 | | | 2 | | 20,005 | 58,293 | | |
| 287 | 192 | | 25,300 | | | | | | | 968,951 | |
| 3,361 | 113 | 23,455 | 45,200 | 2,475 | | 20 | 4 | 298,683 | 496,082 | 1,559,104 | 98 |

SECOND DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Second Inspection District, comprising the coal producing counties of Marshall, Peoria, Stark, Tazewell and Woodford, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 5 | 5 | 5 | 5 | 6 |
| Number of shipping mines..... | 8 | 8 | 8 | 8 | 11 |
| Number of local mines..... | 125 | 155 | 131 | 109 | 99 |
| Number of employees underground..... | 2,650 | 2,577 | 2,362 | 2,853 | 2,514 |
| Number of employees on surface..... | 262 | 305 | 144 | 420 | 292 |
| Total number employed..... | 2,912 | 2,882 | 2,506 | 3,273 | 2,806 |
| Tons of coal produced in shipping mines..... | 1,568,939 | 1,475,730 | 853,301 | 1,330,623 | 1,312,004 |
| Tons of coal produced in local mines..... | 432,577 | 420,705 | 381,777 | 290,494 | 314,654 |
| Tons of coal produced, total..... | 2,001,516 | 1,896,435 | 1,235,078 | 1,621,117 | 1,626,658 |
| Days operated, shipping mines, average..... | 181 | 181 | 113 | 146 | 153 |
| Days operated, local mines, average..... | 134 | 119 | 119 | 105 | 104 |
| Number of undercutting machines..... | 93 | 82 | 68 | 86 | 90 |
| Tons undercut..... | 1,694,914 | 1,622,198 | 1,002,956 | 1,478,358 | 1,320,349 |
| Tons mined by hand..... | 304,002 | 269,068 | 222,803 | 134,583 | 306,309 |
| Tons mined in strip mines..... | 2,600 | 5,169 | 9,319 | 8,176 | ----- |
| Number of loading machines used..... | ----- | ----- | 9 | 1 | ----- |
| Tons loaded mechanically..... | ----- | ----- | 56,599 | 2,891 | ----- |
| Number of fatal accidents..... | 3 | 1 | 4 | 3 | ----- |
| Number of non-fatal accidents..... | 154 | 194 | 130 | 197 | 180 |
| Number of employees to each fatality..... | 971 | 2,882 | 626 | 1,091 | ----- |
| Number employed to each non-fatal accident..... | 18.9 | 15 | 19.2 | 16.6 | 15.6 |
| Tons of coal mined to each fatality..... | 667,172 | 1,896,435 | 308,769 | 540,372 | ----- |
| Tons mined to each non-fatal accident..... | 12,997 | 9,775 | 9,578 | 8,229 | 9,037 |
| Number of fatalities per 1,000 employed..... | 1.0 | .3 | 1.6 | .9 | ----- |
| Number injured per 1,000 employed..... | 52.9 | 67.3 | 51.8 | 60.2 | 64.1 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|--|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 12 | 84 | 1,918,281 | 454,867 | 2,125 | 665 | 194 | 130 | 3 | 268 | 791,049 |
| 1930..... | 11 | 99 | 1,312,004 | 314,654 | 2,056 | 750 | 153 | 104 | ----- | 180 | ----- |
| 1931..... | 8 | 109 | 1,330,623 | 290,494 | 1,615 | 1,628 | 146 | 105 | 3 | 197 | 540,372 |
| 1932..... | 8 | 131 | 853,301 | 381,777 | 1,548 | 958 | 113 | 119 | 4 | 130 | 308,769 |
| 1933..... | 8 | 155 | 1,475,730 | 420,705 | 1,783 | 1,099 | 181 | 119 | 1 | 194 | 1,696,435 |
| Average for 5 years..... | 9 | 116 | 1,377,988 | 372,499 | 1,831 | 1,020 | 160 | 115 | 2 | 194 | 795,676 |
| 1934..... | 8 | 125 | 1,568,939 | 432,577 | 1,854 | 1,058 | 181 | 134 | 3 | 154 | 667,172 |
| Gain (+) or loss(—), 1934 over previous 5 years..... | —1 | +9 | +190,951 | +60,078 | +23 | +38 | +21 | +19 | +1 | —40 | —128,504 |

FATAL ACCIDENTS.

July 17, Charles H. Butterfield, blacksmith, age 46 years, married, was electrocuted while repairing a fan in the Lake Erie Mining Company, No. 1 mine. He leaves a widow.

August 24, Herbert Hulford, machine runner, age 38 years, married, died of injuries received August 1 in Crescent Mining Company's No. 6 mine, when he was struck in the leg by a skid while unloading a cutting machine. He leaves a widow and three children.

December 23, Dominic Margelli, mine owner and timberman, age 51 years, widower, was killed by a fall of rock in Mine No. 1 of the Treasure Coal Co.

Respectfully submitted,

GEORGE H. DEEMY, *Inspector.*

FATAL ACCIDENTS, SECOND DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|------------------------|------|----------------|-------------|---------------------------|---------------------------|----------|---------|--------|-----------|-------------|---|
| July 17 | July 17 | Charles H. Butterfield | 46 | Blacksmith | East Peoria | Lake Erie Mining Co. | 1 | 1 | 1 | 1 | 1 | 1 | Electrocuted. |
| Aug. 1 | Aug. 24 | Herbert Hulford | 38 | Machine runner | Peoria | Crescent Mining Co. | 6 | 1 | 1 | 1 | 3 | 4 | Struck by skid while unloading machine. |
| Dec. 23 | Dec. 23 | Dominic Margelli | 51 | Timberman | Peoria | Treasure Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | Fall of rock. |

NON-FATAL ACCIDENTS, SECOND DISTRICT.

| Name of operator. | Number injured. | Number not re- turned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | Loss of 30 or more days. | | Month in which accident occurred. | |
|---------------------------------|-----------------|---------------------------|-------------------------------|----------|-------------------------------------|------------------------------------|--------------------------|------------------------------------|--------------------------------------|--------------------|
| | | | Total. | Average. | Number injured. | Days lost. Total. Average. | Number injured. | Days lost. Total. Average. | Month. | Number injured. |
| | | | | | | | | | | |
| Crescent Mining Co., No. 1..... | 25 | 3 | 691 | 31 | 12 | 125 | 10 | 566 | January..... | 17 |
| Crescent Mining Co., No. 6..... | 55 | 9 | 1,782 | 39 | 20 | 320 | 16 | 1,402 | February..... | 14 |
| Dorthel Coal Co., No. 1..... | 10 | 2 | 280 | 31 | 4 | 81 | 20 | 169 | March..... | 26 |
| Glenwood Mining Co..... | 9 | 3 | 246 | 41 | 2 | 44 | 22 | 202 | April..... | 9 |
| Lake Erie Mining Co..... | 16 | 2 | 552 | 39 | 6 | 78 | 13 | 474 | May..... | 7 |
| Roanoke Coal & Tile Co..... | 13 | 1 | 514 | 43 | 5 | 64 | 13 | 450 | June..... | 4 |
| W. G. Sutton Coal Co..... | 6 | 1 | 653 | 131 | | | | 653 | July..... | 5 |
| | | | | | | | | | August..... | 9 |
| Shipping mines..... | 134 | 21 | 4,688 | 41 | 49 | 712 | 15 | 3,976 | September..... | 13 |
| Local mines..... | 20 | 8 | 263 | 22 | 9 | 107 | 12 | 156 | October..... | 19 |
| | | | | | | | | | November..... | 15 |
| | | | | | | | | | December..... | 16 |
| Total..... | 154 | 29 | 4,951 | 40 | 58 | 819 | 14 | 4,132 | Total..... | 154 |

MARSHALL COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|---------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | R. H. Simpson, No. 1..... | Sparland..... | 1,656 | | | | 1,656 |
| 2 | Eagle Coal Co..... | Sparland..... | 1,605 | | | | 1,605 |
| 3 | John H. Pearson..... | Henry..... | 1,534 | | | | 1,534 |
| 4 | Babington & Kaer..... | Sparland..... | 891 | | | | 891 |
| 5 | Peter Kranz..... | Sparland..... | 709 | | | | 709 |
| 6 | William Hillman..... | Sparland..... | 580 | | | | 580 |
| 7 | Mat Spar..... | Sparland..... | 506 | | | | 506 |
| 8 | Martin Schultz..... | Sparland..... | 505 | | | | 505 |
| 9 | Art Reed & Bros..... | Chillicothe..... | 488 | | | | 488 |
| 10 | Dalton & Parish..... | Sparland..... | 478 | | | | 478 |
| 11 | Cummings Bros..... | Sparland..... | 411 | | | | 411 |
| 12 | Frank Caldwell..... | Sparland..... | 391 | | | | 391 |
| 13 | Davis Bros..... | Sparland..... | 390 | | | | 390 |
| 14 | Warren & Dawson..... | Sparland..... | 382 | | | | 382 |
| 15 | William Crew..... | Sparland..... | 350 | | | | 350 |
| 16 | Green Coal Co..... | Sparland..... | 343 | | | | 343 |
| 17 | George Pratt..... | Henry..... | 316 | | | | 316 |
| 18 | Jule Julian..... | Chillicothe..... | 265 | | | | 265 |
| 19 | Vincent Dobrich..... | Sparland..... | 207 | | | | 207 |
| 20 | R. H. Ingram..... | Sparland..... | 188 | | | | 188 |
| 21 | Charles Baggs..... | Sparland..... | 151 | | | | 151 |
| 22 | James Young..... | Sparland..... | 134 | | | | 134 |
| 23 | Negsonger Bros..... | Sparland..... | 122 | | | | 122 |
| 24 | Will Williams..... | Sparland..... | 55 | | | | 55 |
| 25 | Frank Hagel..... | Sparland..... | 40 | | | | 40 |
| 26 | James Fogarty..... | Sparland..... | 25 | | | | 25 |
| 26 local mines total..... | | | 12,722 | | | | 12,722 |

PEORIA COUNTY

| SHIPPING MINES. | | | | | | | |
|-----------------------------|-------------------------------------|------------------|-----------|---------|---------|-------|---------|
| 1 | Crescent Mining Co., No. 6..... | Peoria..... | 755,092 | 134,211 | 589,358 | ..... | 60,102 |
| 2 | Crescent Mining Co., No. 1..... | Peoria..... | 295,886 | 13,879 | 276,690 | ..... | 4,689 |
| 3 | Dorthel Coal Co., No. 1..... | Hanna City..... | 120,484 | 20,637 | 86,408 | ..... | 13,439 |
| 4 | The Glenwood Mining Co., No. 3..... | Edwards..... | 51,702 | 36,684 | 8,517 | ..... | 5,990 |
| 4 shipping mines total..... | | | 1,253,164 | 205,411 | 960,973 | ..... | \$4,220 |
| LOCAL MINES. | | | | | | | |
| 1 | Edward Mohn & Son..... | Bartonville..... | 58,793 | ..... | ..... | ..... | 58,693 |
| 2 | Hilltop Coal Co..... | Peoria..... | 49,734 | ..... | ..... | ..... | 49,734 |
| 3 | Treasure Coal Co..... | Peoria..... | 16,548 | ..... | ..... | ..... | 15,348 |
| 4 | Middle Road Coal Co..... | Peoria..... | 15,100 | ..... | ..... | ..... | 15,100 |
| 5 | Vicary Bros..... | Peoria..... | 13,620 | ..... | ..... | ..... | 13,320 |
| 6 | Big Hollow Colliery Co..... | Peoria..... | 11,191 | ..... | ..... | ..... | 10,591 |
| 7 | Dry Run Coal Co..... | Glasford..... | 7,741 | ..... | ..... | ..... | 7,691 |
| 8 | Hollis Coal Co..... | Hollis..... | 7,363 | ..... | ..... | ..... | 7,308 |
| 9 | Otto Lightbody..... | Glasford..... | 6,670 | ..... | ..... | ..... | 6,670 |
| 10 | A. & T. Coal Co..... | Peoria..... | 6,281 | ..... | ..... | ..... | 6,186 |
| 11 | South Side Coal Co..... | Peoria..... | 5,328 | ..... | ..... | ..... | 5,328 |
| 12 | Kingsley & Calhoun..... | Glasford..... | 4,800 | ..... | ..... | ..... | 4,700 |
| 13 | Lucky Strike Coal Mining Co..... | Peoria..... | 4,764 | ..... | ..... | ..... | 4,764 |
| 14 | Sunshine Coal Co..... | Peoria..... | 4,110 | ..... | ..... | ..... | 4,110 |
| 15 | Black Jewel Coal Co..... | Oak Hill..... | 3,300 | ..... | ..... | ..... | 3,300 |
| 16 | S. R. Stever..... | Peoria..... | 3,230 | ..... | ..... | ..... | 3,230 |

SECOND DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| | | 9 | 143 | 166 | ..... | ..... | ..... | ..... | ..... | ..... | 1,656 | ..... | ..... | 1 |
| | | 5 | 157 | 152 | ..... | ..... | ..... | ..... | ..... | ..... | 1,605 | ..... | ..... | 2 |
| | | | 183 | 148 | ..... | ..... | ..... | ..... | ..... | ..... | 1,534 | ..... | ..... | 3 |
| | | 5 | 127 | 90 | ..... | ..... | ..... | ..... | ..... | ..... | 891 | ..... | ..... | 4 |
| | | 3 | 138 | 99 | ..... | ..... | ..... | ..... | ..... | ..... | 709 | ..... | ..... | 5 |
| | | 3 | 108 | 61 | ..... | ..... | ..... | ..... | ..... | ..... | 580 | ..... | ..... | 6 |
| | | 2 | 174 | 49 | ..... | ..... | ..... | ..... | ..... | ..... | 506 | ..... | ..... | 7 |
| | | 3 | 149 | 55 | ..... | ..... | ..... | ..... | ..... | ..... | 505 | ..... | ..... | 8 |
| | | 3 | 178 | 52 | ..... | ..... | ..... | ..... | ..... | ..... | 488 | ..... | ..... | 9 |
| | | 3 | 163 | 78 | ..... | ..... | ..... | ..... | ..... | ..... | 478 | ..... | ..... | 10 |
| | | 2 | 136 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | 411 | ..... | ..... | 11 |
| | | 2 | 153 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | 391 | ..... | ..... | 12 |
| | | 3 | 101 | 39 | ..... | ..... | ..... | ..... | ..... | ..... | 390 | ..... | ..... | 13 |
| | | 3 | 115 | 48 | ..... | ..... | ..... | ..... | ..... | ..... | 382 | ..... | ..... | 14 |
| | | 3 | 116 | 34 | ..... | ..... | ..... | ..... | ..... | ..... | 350 | ..... | ..... | 15 |
| | | 3 | 115 | 36 | ..... | ..... | ..... | ..... | ..... | ..... | 343 | ..... | ..... | 16 |
| | | 3 | 136 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | 316 | ..... | ..... | 17 |
| | | 4 | 62 | 26 | ..... | ..... | ..... | ..... | ..... | ..... | 265 | ..... | ..... | 18 |
| | | 1 | 137 | 24 | ..... | ..... | ..... | ..... | ..... | ..... | 207 | ..... | ..... | 19 |
| | | 2 | 69 | 19 | ..... | ..... | ..... | ..... | ..... | ..... | 188 | ..... | ..... | 20 |
| | | 2 | 72 | 16 | ..... | ..... | ..... | ..... | ..... | ..... | 151 | ..... | ..... | 21 |
| | | 2 | 58 | 13 | ..... | ..... | ..... | ..... | ..... | ..... | 134 | ..... | ..... | 22 |
| | | 2 | 55 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | 122 | ..... | ..... | 23 |
| | | 3 | 38 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | 55 | ..... | ..... | 24 |
| | | 3 | 20 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | 40 | ..... | ..... | 25 |
| | | 1 | 23 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | 25 | ..... | ..... | 26 |
| | | 83 | 113 | 1,354 | ..... | ..... | ..... | ..... | ..... | ..... | 12,722 | ..... | ..... | ..... |

SECOND DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-----------|--------|-------|-------|-------|
| 428 | 993 | 567 | 237 | ..... | 229,775 | ..... | ..... | 28 | 5 | 785,092 | ..... | ..... | 52 | 1 |
| 160 | 468 | 378 | 180 | ..... | 58,525 | ..... | ..... | 18 | 5 | 295,886 | ..... | ..... | 36 | 2 |
| ..... | ..... | 179 | 167 | 68 | 29,875 | ..... | ..... | 8 | 3 | 120,484 | ..... | ..... | 15 | 3 |
| 10 | 501 | 119 | 171 | 3,390 | 4,375 | ..... | ..... | 2 | 3 | 1,212 | 50,490 | ..... | 5 | 4 |
| 598 | 1,962 | 1,243 | 189 | 3,458 | 322,550 | ..... | ..... | 56 | 16 | 1,202,674 | 50,490 | ..... | 108 | ..... |
| | | | | | | | | | | | | | | |
| 100 | ..... | 76 | 159 | ..... | 10,900 | ..... | ..... | 3 | ..... | 58,793 | ..... | ..... | ..... | 1 |
| ..... | ..... | 50 | 195 | 462 | ..... | ..... | ..... | 4 | ..... | 49,734 | ..... | ..... | ..... | 2 |
| 1,200 | ..... | 24 | 170 | ..... | 5,825 | ..... | ..... | 1 | ..... | 16,548 | ..... | ..... | ..... | 3 |
| ..... | ..... | 22 | 184 | 175 | ..... | ..... | ..... | 1 | ..... | 15,100 | ..... | ..... | ..... | 4 |
| 300 | ..... | 24 | 134 | 900 | ..... | ..... | ..... | ..... | ..... | ..... | 13,620 | ..... | ..... | 5 |
| 600 | ..... | 31 | 172 | 190 | ..... | ..... | ..... | 2 | ..... | 11,191 | ..... | ..... | ..... | 6 |
| 50 | ..... | 5 | 200 | 510 | ..... | ..... | ..... | ..... | ..... | ..... | 7,741 | ..... | ..... | 7 |
| 55 | ..... | 18 | 293 | 228 | ..... | ..... | ..... | 1 | ..... | 6,598 | 855 | ..... | ..... | 8 |
| ..... | ..... | 9 | 140 | ..... | 2,000 | ..... | ..... | 1 | ..... | 6,670 | ..... | ..... | ..... | 9 |
| 95 | ..... | 24 | 191 | 420 | ..... | ..... | ..... | ..... | ..... | ..... | 6,281 | ..... | ..... | 10 |
| ..... | ..... | 9 | 185 | 293 | ..... | ..... | ..... | ..... | ..... | ..... | 5,328 | ..... | ..... | 11 |
| 100 | ..... | 10 | 240 | 453 | ..... | ..... | ..... | ..... | ..... | ..... | 4,800 | ..... | ..... | 12 |
| ..... | ..... | 11 | 200 | 370 | ..... | ..... | ..... | ..... | ..... | ..... | 4,764 | ..... | ..... | 13 |
| ..... | ..... | 11 | 110 | 350 | ..... | ..... | ..... | ..... | ..... | ..... | 4,110 | ..... | ..... | 14 |
| ..... | ..... | 12 | 160 | 280 | ..... | ..... | ..... | ..... | ..... | ..... | 3,300 | ..... | ..... | 15 |
| ..... | ..... | 10 | 125 | 200 | ..... | ..... | ..... | ..... | ..... | ..... | 3,230 | ..... | ..... | 16 |

PEORIA COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|----------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 17 | Henry F. Johnson | Oak Hill | 3,200 | | | | 3,200 |
| 18 | Pleasant Hill Coal Co. | Peoria | 3,181 | | | | 3,181 |
| 19 | Jay Bird Mine | Oak Hill | 3,166 | | | | 3,166 |
| 20 | Beetler & Cupi | Mapleton | 3,150 | | | | 3,140 |
| 21 | Kickapoo Valley Coal Co. | Oak Hill | 2,911 | | | | 2,911 |
| 22 | A. & P. Coal Co. | Peoria | 2,851 | | | | 2,851 |
| 23 | Arthur Stenstrom | Edwards | 2,600 | | | | 2,400 |
| 24 | Fred Snider | Oak Hill | 2,460 | | | | 2,450 |
| 25 | Big Bear Coal Co. | Peoria | 2,214 | | | | 2,214 |
| 26 | Cusack Coal Co. | Edwards | 2,025 | | | | 2,025 |
| 27 | Frank P. Schmidt & Sons | Peoria | 2,015 | | | | 2,015 |
| 28 | New Pocahontas Coal Co. | Peoria | 2,000 | | | | 2,000 |
| 29 | Mohn & Callear Bros | Peoria | 1,895 | | | | 1,895 |
| 30 | Community Coal Co. | Princeville | 1,840 | | | | 1,810 |
| 31 | Camp Bros | Princeville | 1,800 | | | | 1,800 |
| 32 | Geo. W. Turner & Son | Edwards | 1,651 | | | | 1,651 |
| 33 | Shamrock Coal Co. | Peoria | 1,540 | | | | 1,540 |
| 34 | Blue Hollow Coal Co. | Elmwood | 1,440 | | | | 1,440 |
| 35 | D. Roberts | Mapleton | 1,400 | | | | 1,400 |
| 36 | Maple Ridge Coal Co. | Edwards | 1,381 | | | | 1,381 |
| 37 | Abe Callear | Pottstown | 1,281 | | | | 1,281 |
| 38 | Renaldo Matthew Mining Co | Mapleton | 1,276 | | | | 1,276 |
| 39 | Midway Coal Co. | Princeville | 1,245 | | | | 1,243 |
| 40 | Joe Burdess | Peoria | 1,200 | | | | 1,200 |
| 41 | Howard Scott | Mapleton | 1,200 | | | | 1,200 |
| 42 | Oak Grove Coal Co. | Oak Hill | 1,126 | | | | 1,126 |
| 43 | F. Monks & D. Barclay | Mapleton | 1,083 | | | | 1,083 |
| 44 | White Ash Coal Co. | Hanna City | 960 | | | | 960 |
| 45 | Abe Colwell & Son | Sparland | 928 | | | | 928 |
| 46 | Patton Coal Co. | Peoria | 906 | | | | 901 |
| 47 | Haynes Coal Co. | Mapleton | 874 | | | | 874 |
| 48 | Brady & White | Peoria | 870 | | | | 770 |
| 49 | Rosefield Mining Co. | Monica | 804 | | | | 804 |
| 50 | Cottonwood Coal Co. | Hanna City | 644 | | | | 644 |
| 51 | Mapleton Coal & Mining Co. | Mapleton | 500 | | | | 500 |
| 52 | John H. Smith | Mapleton | 461 | | | | 461 |
| 53 | Sherwood Bros. Coal Co. | Elmwood | 460 | | | | 453 |
| 54 | West Point Coal Co. | Edwards | 410 | | | | 410 |
| 55 | Beverly Hills Coal Co. | Peoria | 400 | | | | 398 |
| 56 | Thomas Hunt | Edwards | 374 | | | | 374 |
| 57 | Joe C. Fussner | Brimfield | 330 | | | | 330 |
| 58 | Don B. Young | Peoria | 317 | | | | 310 |
| 59 | Jesse French | Peoria | 240 | | | | 240 |
| 60 | Thomas Lopeman | Chillicothe | 200 | | | | 200 |
| 61 | Henry Mattox | Princeville | 200 | | | | 200 |
| 62 | Lester Stear | Peoria | 200 | | | | 190 |
| 63 | Rocky Glen Coal Co. | Peoria | 200 | | | | 200 |
| 64 | Henry Wolford Coal Co. | Hanna City | 200 | | | | 200 |
| 65 | L. Clarkson | Brimfield | 160 | | | | 160 |
| 66 | Brimfield Mining Co. | Brimfield | 150 | | | | 150 |
| 67 | James Pankey | Hanna City | 150 | | | | 150 |
| 68 | Chas. H. Schneider | Princeville | 140 | | | | 140 |
| 69 | Hickory Grove Coal Co. | Edwards | 104 | | | | 104 |
| 70 | Walter Slane | Oak Hill | 85 | | | | 85 |
| 71 | Peter D. Hoffman | Edwards | 80 | | | | 80 |
| 72 | Joe Orr | Peoria | 80 | | | | 80 |
| 73 | Tompkins & Pitcher | Peoria | 70 | | | | 70 |
| 74 | Peter Slane | Peoria | 65 | | | | 65 |
| 75 | Black Cat Coal Co. | Peoria | 60 | | | | 60 |
| 76 | John Murdock | Brimfield | 50 | | | | 50 |
| 77 | Phillip Krummel | Princeville | 10 | | | | 10 |
| 77 local mines total | | | 283,386 | | | | 280,503 |
| 81 all mines total | | | 1,536,550 | 205,411 | 960,973 | | 364,723 |

SECOND DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| — | — | — | 160 | 225 | — | — | — | — | — | — | 3,200 | — | — | 17 |
| — | — | — | 140 | 64 | — | — | — | 1 | — | 3,181 | — | — | — | 18 |
| — | — | 10 | 191 | 264 | — | — | — | — | — | — | 3,166 | — | — | 19 |
| 10 | — | 9 | 175 | 240 | — | — | — | — | — | — | 3,150 | — | — | 20 |
| — | — | 8 | 132 | 185 | — | — | — | — | — | — | 2,911 | — | — | 21 |
| — | — | 7 | 263 | 238 | — | — | — | — | — | — | 2,851 | — | — | 22 |
| 200 | — | 9 | 150 | 34 | — | — | — | — | — | — | — | 2,600 | — | 23 |
| 10 | — | 7 | 167 | 170 | — | — | — | — | — | — | 2,460 | — | — | 24 |
| — | — | 9 | 125 | 250 | — | — | — | — | — | — | 2,214 | — | — | 25 |
| — | — | 8 | 133 | 175 | — | — | — | — | — | — | 2,025 | — | — | 26 |
| — | — | 6 | 166 | 118 | — | — | — | — | — | — | 2,015 | — | — | 27 |
| — | — | 9 | 105 | 125 | — | — | — | — | — | — | 2,000 | — | — | 28 |
| — | — | 5 | 167 | 156 | — | — | — | — | — | — | 1,895 | — | — | 29 |
| 30 | — | 5 | 165 | 190 | — | — | — | — | — | — | 1,810 | — | — | 30 |
| — | — | 7 | 181 | 175 | — | — | — | — | — | — | 1,800 | — | — | 31 |
| — | — | 4 | 206 | 127 | — | — | — | — | — | — | 1,651 | — | — | 32 |
| — | — | 4 | 205 | 127 | — | — | — | — | — | — | 1,540 | — | — | 33 |
| — | — | 6 | 182 | 95 | — | — | — | — | — | — | 1,440 | — | — | 34 |
| — | — | 4 | 180 | 110 | — | — | — | — | — | — | 1,400 | — | — | 35 |
| — | — | 8 | 127 | 126 | — | — | — | — | — | — | 1,351 | — | — | 36 |
| — | — | 5 | 160 | 107 | — | — | — | — | — | — | 1,281 | — | — | 37 |
| — | — | 2 | 150 | 105 | — | — | — | — | — | — | 1,276 | — | — | 38 |
| 2 | — | 4 | 300 | 150 | — | — | — | — | — | — | 1,245 | — | — | 39 |
| — | — | 4 | 150 | 150 | — | — | — | — | — | — | 1,200 | — | — | 40 |
| — | — | 3 | 200 | 80 | — | — | — | — | — | — | 1,200 | — | — | 41 |
| — | — | 6 | 95 | 112 | — | — | — | — | — | — | 1,126 | — | — | 42 |
| — | — | 10 | 200 | 126 | — | — | — | — | — | — | 1,083 | — | — | 43 |
| — | — | 6 | 120 | 48 | — | — | — | — | — | — | 960 | — | — | 44 |
| — | — | 5 | 200 | 103 | — | — | — | — | — | — | 928 | — | — | 45 |
| 5 | — | 4 | 152 | 1,100 | — | — | — | — | — | — | 906 | — | — | 46 |
| — | — | 5 | 62 | 85 | — | — | — | — | — | — | 874 | — | — | 47 |
| 100 | — | 6 | 168 | 90 | — | — | — | — | — | — | 870 | — | — | 48 |
| — | — | 6 | 135 | — | — | — | — | — | — | — | 804 | — | — | 49 |
| — | — | 5 | 120 | 120 | — | — | — | — | — | — | 644 | — | — | 50 |
| — | — | 5 | 65 | 48 | — | — | — | — | — | — | 500 | — | — | 51 |
| — | — | 5 | 80 | 35 | — | — | — | — | — | — | 461 | — | — | 52 |
| 7 | — | 2 | 143 | 41 | — | — | — | — | — | — | 460 | — | — | 53 |
| — | — | 4 | 130 | 38 | — | — | — | — | — | — | 410 | — | — | 54 |
| 2 | — | 7 | 65 | 30 | — | — | — | — | — | — | 400 | — | — | 55 |
| — | — | 2 | 119 | 30 | — | — | — | — | — | — | 374 | — | — | 56 |
| — | — | 3 | 150 | 35 | — | — | — | — | — | — | 330 | — | — | 57 |
| 7 | — | 2 | 67 | 22 | — | — | — | — | — | — | 317 | — | — | 58 |
| — | — | 2 | 80 | 26 | — | — | — | — | — | — | 240 | — | — | 59 |
| — | — | 3 | 80 | 27 | — | — | — | — | — | — | 200 | — | — | 60 |
| — | — | 3 | 105 | 25 | — | — | — | — | — | — | 200 | — | — | 61 |
| 10 | — | 3 | 80 | — | 625 | — | — | — | — | — | 200 | — | — | 62 |
| — | — | 4 | 120 | 20 | — | — | — | — | — | — | 200 | — | — | 63 |
| — | — | 3 | 100 | — | — | — | — | — | — | — | 200 | — | — | 64 |
| — | — | 2 | 150 | — | — | — | — | — | — | — | 160 | — | — | 65 |
| — | — | 3 | 60 | — | — | — | — | — | — | — | 150 | — | — | 66 |
| — | — | 4 | 40 | 12 | — | — | — | — | — | — | 150 | — | — | 67 |
| 1 | — | 1 | 110 | 15 | — | — | — | — | — | — | 140 | — | — | 68 |
| — | — | 3 | 60 | — | — | — | — | — | — | — | 104 | — | — | 69 |
| — | — | 1 | 50 | 8 | — | — | — | — | — | — | 85 | — | — | 70 |
| — | — | 3 | 20 | 10 | — | — | — | — | — | — | 80 | — | — | 71 |
| — | — | 1 | 27 | 8 | — | — | — | — | — | — | 80 | — | — | 72 |
| — | — | 2 | 18 | 8 | — | — | — | — | — | — | 70 | — | — | 73 |
| — | — | 1 | 22 | 6 | — | — | — | — | — | — | 65 | — | — | 74 |
| — | — | 1 | 30 | 6 | — | — | — | — | — | — | 60 | — | — | 75 |
| — | — | 1 | 50 | — | — | — | — | — | — | — | 50 | — | — | 76 |
| — | — | 1 | 12 | 2 | — | — | — | — | — | — | 10 | — | — | 77 |
| 2,883 | — | 629 | 135 | 9,753 | 20,450 | — | — | 14 | — | 167,725 | 113,061 | 2,600 | — | — |
| 3,481 | 1,962 | 1,872 | 138 | 13,211 | 343,000 | — | — | 70 | 16 | 1,370,399 | 163,551 | 2,600 | 108 | — |

STARK COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|-----------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | James Scott..... | Wyoming..... | 8,070 | | | | 8,050 |
| 2 | Downing Bros..... | Castleton..... | 2,460 | | | | 2,460 |
| 3 | Chas. Bensyl..... | Wyoming..... | 1,600 | | | | 1,550 |
| 4 | Ray Durant..... | Neponset..... | 1,411 | | | | 1,411 |
| 5 | W. J. Duncan..... | Neponset..... | 1,282 | | | | 1,102 |
| 6 | Mark Platner..... | Wyoming..... | 1,200 | | | | 1,200 |
| 7 | Catton & Willson..... | Toulon..... | 1,000 | | | | 1,000 |
| 8 | Arthur Storey..... | Wyoming..... | 700 | | | | 700 |
| 9 | G. A. Ohman..... | Neponset..... | 675 | | | | 620 |
| 10 | Curfman & Reed..... | Wyoming..... | 511 | | | | 511 |
| 11 | Kingin & Sons..... | Wyoming..... | 430 | | | | 400 |
| 12 | Sturms & Sons..... | Bradford..... | 420 | | | | 400 |
| 13 | R. H. Simpson..... | Sparland..... | 354 | | | | 354 |
| 14 | Bates & Price..... | Kewanee..... | 350 | | | | 350 |
| 15 | George Dillon..... | Wyoming..... | 313 | | | | 313 |
| 16 | Peter Charlson..... | Wyoming..... | 66 | | | | 60 |
| 16 local mines total..... | | | 20,842 | | | | 20,481 |

TAZEWELL COUNTY

| | | | | | | | |
|-----------------------------|---------------------------------|------------------|---------|---------|--------|-------|---------|
| SHIPPING MINES. | | | | | | | |
| 1 | Lake Erie Mining Co..... | Peoria..... | 178,751 | 107,252 | 22,367 | ----- | 49,132 |
| 2 | Ubben Coal Co..... | Pekin..... | 33,764 | 9,143 | ----- | ----- | 24,171 |
| 2 shipping mines total..... | | | 212,515 | 116,395 | 22,367 | ----- | 73,303 |
| LOCAL MINES. | | | | | | | |
| 1 | Manhattan Coal & Mining Co..... | East Peoria..... | 55,536 | ----- | ----- | ----- | 55,148 |
| 2 | Coal Creek Coal Co..... | East Peoria..... | 25,985 | ----- | ----- | ----- | 25,945 |
| 3 | David Grant Coal Co..... | Pekin..... | 14,693 | ----- | ----- | ----- | 14,093 |
| 4 | Lea Bros. & Lamborn..... | Peoria..... | 11,646 | ----- | ----- | ----- | 11,620 |
| 5 | Lakeside Coal Co..... | Pekin..... | 4,455 | ----- | ----- | ----- | 4,400 |
| 6 | Martiness Coal Co..... | East Peoria..... | 3,312 | ----- | ----- | ----- | 3,000 |
| 6 local mines total..... | | | 115,627 | ----- | ----- | ----- | 114,206 |
| 8 all mines total..... | | | 328,142 | 116,395 | 22,367 | ----- | 187,509 |

WOODFORD COUNTY

| | | | | | | | |
|-----------------------------|-----------------------------|--------------|---------|--------|-------|-------|--------|
| SHIPPING MINES. | | | | | | | |
| 1 | W. G. Sutton..... | Minonk..... | 72,771 | 33,749 | ----- | ----- | 32,403 |
| 2 | Roanoke Coal & Tile Co..... | Roanoke..... | 30,489 | 10,003 | 420 | ----- | 17,404 |
| 2 shipping mines total..... | | | 103,260 | 43,752 | 420 | ----- | 49,807 |

SECOND DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 20 | | 22 | 200 | 700 | | | | | | | 5,070 | | | 1 |
| | | 7 | 250 | 250 | | | | | | | 2,460 | | | 2 |
| 50 | | 9 | 120 | 100 | | | | | | | 1,600 | | | 3 |
| | | 1 | 250 | | | | | | | | 1,411 | | | 4 |
| 150 | | 6 | 123 | 35 | | | | | | | 1,282 | | | 5 |
| | | 10 | 130 | 160 | | | | | | | 1,200 | | | 6 |
| | | 5 | 150 | 300 | | | | | | | 1,000 | | | 7 |
| | | 3 | 190 | | | | | | | | 700 | | | 8 |
| 55 | | 3 | 170 | | | | | | | | 675 | | | 9 |
| | | 6 | 100 | 60 | | | | | | | 511 | | | 10 |
| 30 | | 3 | 100 | 20 | | | | | | | 430 | | | 11 |
| 20 | | 4 | 100 | 20 | | | | | | | 420 | | | 12 |
| | | 6 | 90 | 55 | | | | | | | 354 | | | 13 |
| | | 5 | 80 | | | | | | | | 350 | | | 14 |
| | | 4 | 150 | | | | | | | | 313 | | | 15 |
| 6 | | 1 | 133 | | | | | | | | 66 | | | 16 |
| 361 | | 101 | 146 | 1,680 | | | | | | | 20,842 | | | |

SECOND DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-----|-----|-----|-------|--------|--|--|----|---|---------|-------|--|----|---|
| 300 | 150 | 212 | 212 | 227 | 27,900 | | | 9 | 5 | 178,751 | | | 8 | 1 |
| | | 5 | 165 | 422 | | | | 4 | 1 | 33,764 | | | 4 | 2 |
| 300 | 150 | 270 | 189 | 649 | 27,900 | | | 13 | 6 | 212,515 | | | 12 | |
| 388 | | 113 | 190 | 965 | | | | 4 | | 55,221 | 315 | | | 1 |
| 40 | | 56 | 131 | | 8,650 | | | 2 | | 25,985 | | | | 2 |
| 600 | | 29 | 156 | 160 | | | | 2 | | 14,693 | | | | 3 |
| 26 | | 23 | 163 | 128 | | | | 1 | | 11,646 | | | | 4 |
| 55 | | 14 | 185 | | 1,125 | | | 1 | | 4,455 | | | | 5 |
| 312 | | 10 | 200 | 202 | | | | | | | 3,312 | | | 6 |
| 1,421 | | 245 | 171 | 1,455 | 9,775 | | | 10 | | 112,000 | 3,627 | | | |
| 1,721 | 150 | 515 | 175 | 2,104 | 37,675 | | | 23 | 6 | 324,515 | 3,627 | | 12 | |

SECOND DISTRICT.

| | | | | | | | | | | | | | |
|-------|-------|-----|-----|--|--|--|--|---|--|---------|--|----|---|
| 3,600 | 3,019 | 222 | 165 | | | | | 3 | | 72,771 | | 12 | 1 |
| 2,662 | | 119 | 154 | | | | | 1 | | 30,489 | | 18 | 2 |
| 6,262 | 3,019 | 341 | 160 | | | | | 4 | | 103,260 | | 30 | |

SECOND DISTRICT, SHIPPING MINES

| Counties. | Num- ber of mines. | Total tons mined. | Disposition of output in tons. | | | | | All coal not sold including waste. |
|---------------|--------------------------|-------------------------|---|--|---------------------------------------|----------------------------|-------------------------|---|
| | | | Loaded on cars for ship- ment. | Sold to railroad com- panies. | Sup- plied to loco- motives. | Sold to local trade. | Used at the mine. | |
| Peoria..... | 4 | 1,253,164 | 205,411 | 960,973 | ----- | 84,220 | 598 | 1,962 |
| Tazewell..... | 2 | 212,515 | 116,395 | 22,367 | ----- | 73,303 | 300 | 150 |
| Woodford..... | 2 | 103,260 | 43,752 | 420 | ----- | 49,807 | 6,262 | 3,019 |
| Total..... | 8 | 1,568,939 | 365,558 | 983,760 | ----- | 207,330 | 7,160 | 5,131 |

LOCAL MINES

| | | | | | | | | |
|---------------|-----|---------|-------|-------|-------|---------|-------|-------|
| Marshall..... | 26 | 12,722 | ----- | ----- | ----- | 12,722 | ----- | ----- |
| Peoria..... | 77 | 283,386 | ----- | ----- | ----- | 280,503 | 2,883 | ----- |
| Stark..... | 16 | 20,842 | ----- | ----- | ----- | 20,481 | 361 | ----- |
| Tazewell..... | 6 | 115,627 | ----- | ----- | ----- | 114,206 | 1,421 | ----- |
| Total..... | 125 | 432,577 | ----- | ----- | ----- | 427,912 | 4,665 | ----- |

ALL MINES

| | | | | | | | | |
|---------------|-----|-----------|---------|---------|-------|---------|--------|-------|
| Marshall..... | 26 | 12,722 | ----- | ----- | ----- | 12,722 | ----- | ----- |
| Peoria..... | 81 | 1,536,550 | 205,411 | 960,973 | ----- | 364,723 | 3,481 | 1,962 |
| Stark..... | 16 | 20,842 | ----- | ----- | ----- | 20,481 | 361 | ----- |
| Tazewell..... | 8 | 328,142 | 116,395 | 22,367 | ----- | 187,509 | 1,721 | 150 |
| Woodford..... | 2 | 103,260 | 43,752 | 420 | ----- | 49,807 | 6,262 | 3,019 |
| Total..... | 133 | 2,001,516 | 365,558 | 983,760 | ----- | 635,242 | 11,825 | 5,131 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|----------------|---------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 1,243 | 189 | 3,458 | 322,550 | ----- | ----- | 56 | 16 | 1,202,674 | 50,490 | ----- | 108 |
| 270 | 189 | 649 | 27,900 | ----- | ----- | 13 | 6 | 212,515 | ----- | ----- | 12 |
| 341 | 160 | ----- | ----- | ----- | ----- | ----- | 4 | ----- | 103,260 | ----- | 30 |
| 1,854 | 181 | 4,107 | 350,450 | ----- | ----- | 69 | 26 | 1,415,189 | 153,750 | ----- | 150 |

SECOND DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|--------|-------|-------|-------|-------|---------|---------|-------|-------|
| 83 | 113 | 1,354 | ----- | ----- | ----- | ----- | ----- | ----- | 12,722 | ----- | ----- |
| 629 | 135 | 9,753 | 20,450 | ----- | ----- | 14 | ----- | 167,725 | 113,061 | 2,600 | ----- |
| 101 | 146 | 1,680 | ----- | ----- | ----- | ----- | ----- | ----- | 20,842 | ----- | ----- |
| 245 | 171 | 1,455 | 9,775 | ----- | ----- | 10 | ----- | 112,000 | 3,627 | ----- | ----- |
| 1,058 | 134 | 14,242 | 30,225 | ----- | ----- | 24 | ----- | 279,725 | 150,252 | 2,600 | ----- |

SECOND DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|---------|-------|-------|-------|-------|-----------|---------|-------|-------|
| 83 | 113 | 1,354 | ----- | ----- | ----- | ----- | ----- | ----- | 12,722 | ----- | ----- |
| 1,872 | 138 | 13,211 | 343,000 | ----- | ----- | 70 | 16 | 1,370,399 | 163,551 | 2,600 | 108 |
| 101 | 146 | 1,680 | ----- | ----- | ----- | ----- | ----- | ----- | 20,842 | ----- | ----- |
| 515 | 175 | 2,104 | 37,675 | ----- | ----- | 23 | 6 | 324,515 | 3,627 | ----- | 12 |
| 341 | 160 | ----- | ----- | ----- | ----- | ----- | 4 | ----- | 103,260 | ----- | 30 |
| 2,912 | 137 | 18,349 | 380,675 | ----- | ----- | 93 | 26 | 1,694,914 | 304,002 | 2,600 | 150 |

THIRD DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Third Inspection District, comprising the coal producing counties of Adams, Brown, Fulton, Hancock, Knox, McDonough, Schuyler and Warren, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|--|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 8 | 6 | 6 | 6 | 7 |
| Number of shipping mines..... | 15 | 7 | 7 | 8 | 8 |
| Number of local mines..... | 335 | 311 | 271 | 244 | 265 |
| Number of employees underground..... | 2,152 | 2,081 | 2,176 | 1,921 | 1,833 |
| Number of employees on surface..... | 687 | 575 | 396 | 444 | 386 |
| Total number employed..... | 2,838 | 2,656 | 2,572 | 2,365 | 2,219 |
| Tons of coal produced in shipping mines..... | 1,838,159 | 1,290,041 | 1,355,246 | 1,520,062 | 1,768,519 |
| Tons of coal produced in local mines..... | 318,162 | 499,860 | 400,059 | 274,939 | 252,946 |
| Tons of coal produced, total..... | 2,156,321 | 1,789,901 | 1,755,305 | 1,795,001 | 2,021,465 |
| Days operated, shipping mines, average..... | 175 | 135 | 122 | 132 | 193 |
| Days operated, local mines, average..... | 106 | 118 | 123 | 134 | 111 |
| Number of undercutting machines..... | 52 | 49 | 54 | 56 | 49 |
| Tons undercut..... | 693,014 | 775,756 | 687,962 | 710,517 | 757,152 |
| Tons mined by hand..... | 302,678 | 340,913 | 283,029 | 288,767 | 379,064 |
| Tons mined in strip mines..... | 1,160,629 | 673,232 | 784,314 | 795,717 | 885,249 |
| Number of loading machines used..... | 1 | ----- | 2 | 3 | 3 |
| Tons loaded mechanically..... | 4,000 | ----- | 4,169 | 2,781 | 5,838 |
| Number of fatal accidents..... | 2 | 3 | 2 | 3 | 2 |
| Number of non-fatal accidents..... | 100 | 108 | 82 | 95 | 139 |
| Number of employees to each fatality..... | 1,419 | 885 | 1,286 | 788 | 1,120 |
| Number employed to non-fatal accident..... | 28.4 | 24.6 | 31.4 | 24.9 | 16 |
| Tons of coal mined to each fatality..... | 1,078,161 | 596,634 | 877,652 | 598,334 | 1,010,232 |
| Tons of coal mined to each non-fatal accident..... | 21,563 | 16,573 | 21,406 | 18,895 | 14,543 |
| Number of fatalities per 1,000 employed..... | 0.7 | 1.1 | .78 | 1.3 | .9 |
| Number injured per 1,000 employed..... | 35.2 | 40.6 | 31.9 | 40.2 | 62.6 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 9 | 215 | 1,750,088 | 240,974 | 1,213 | 715 | 167 | 125 | 3 | 124 | 663,671 |
| 1930..... | 8 | 265 | 1,768,519 | 252,946 | 1,285 | 934 | 193 | 112 | 2 | 139 | 1,010,232 |
| 1931..... | 7 | 261 | 1,520,062 | 274,939 | 1,303 | 1,062 | 132 | 134 | 3 | 95 | 598,334 |
| 1932..... | 7 | 271 | 1,355,246 | 400,059 | 1,260 | 1,312 | 122 | 123 | 2 | 82 | 877,652 |
| 1933..... | 7 | 311 | 1,290,041 | 499,860 | 1,186 | 1,470 | 135 | 118 | 3 | 108 | 596,634 |
| Average for 5 years | 8 | 265 | 1,536,781 | 333,756 | 1,249 | 1,098 | 151 | 122 | 3 | 110 | 719,437 |
| 1934..... | 15 | 335 | 1,838,159 | 318,162 | 1,478 | 1,360 | 175 | 106 | 2 | 100 | 1,078,161 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | +7 | +70 | +301,378 | —15,594 | +229 | +262 | +24 | —16 | —1 | —10 | +358,724 |

NEW MINES.

Livings & Smith, at Canton in Fulton County.

E. A. Reed Coal Co., at Canton in Fulton County.

The following mines changed from local to shipping operations:

Blakley Coal Co., at Canton in Fulton County.

Golden Rule Coal Co., at Middle Grove in Fulton County.

Pschirrer & Sons Coal Co., at Canton in Fulton County.

Sunnyside Coal Co., at Cuba in Fulton County.

George Swords, at Canton in Fulton County.

FATAL ACCIDENTS.

January 11, Armond Baretich, electrician, age 22 years, single, was electrocuted by coming in contact with electric wires in Midland Electric Coal Company's mine No. 2.

March 16, Leo Trunko, miner, age 22 years, single, was killed by a fall of slate in Galesburg Mining Company's mine. He leaves his father and mother dependent.

Respectfully submitted.

F. M. GUTHRIE, *Inspector.*

FATAL ACCIDENTS, THIRD DISTRICT, 1934

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|--------------------|--------------------|-------------------------------|----------|-----------------------|-------------------------|---|---------------------------|----------|---------|--------|-----------|-------------|---------------------------------|
| Jan. 11 Mar. 16 | Jan. 11 Mar. 16 | Armond Barelich Leo Trunko | 22 22 | Electrician. Miner | Farmington. Fairview | Midland Electric Coal Co. Galesburg Mining Co. | 2 | | 1 1 | | | 2 | Electrocuted. Fall of slate. |

NON-FATAL ACCIDENTS, THIRD DISTRICT.

| Name of operator. | Number injured. | Number not re- turned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | | Loss of 30 or more days. | | | Month in which accident occurred. |
|-----------------------------|-----------------|---------------------------|-------------------------------|----------|-------------------------------------|------------|----------|--------------------------|------------|----------|--------------------------------------|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | Days lost. | | |
| | | | | | | Total. | Average. | | Total. | Average. | |
| Blackley Coal Co. | 2 | | 36 | 18 | 2 | 36 | 18 | | | | January |
| Anton Coal Co. | 12 | 1 | 319 | 29 | 6 | 134 | 17 | | 185 | 62 | February |
| Dorthel Coal Co., No. 3 | 9 | | 351 | 39 | 8 | 112 | 19 | 3 | 3 | 80 | March |
| Galesburg Mining Co. | 28 | 1 | 832 | 31 | 16 | 248 | 16 | 11 | 584 | 53 | April |
| Golden Rule Coal Co. | 1 | | 9 | 9 | 1 | 9 | 9 | | | | May |
| Illinois Colliery Co. | 9 | 2 | 244 | 35 | 3 | 53 | 18 | 4 | 191 | 48 | June |
| Midland Electric Coal Corp. | 16 | 3 | 288 | 22 | 7 | 64 | 9 | 6 | 224 | 37 | July |
| Pachirrer & Sons. | 1 | | 30 | 30 | 1 | | | 1 | 30 | 30 | August |
| Reed Mine. | 1 | | 10 | 10 | | 10 | 10 | | | | September |
| Sunnyside Coal Co. | 1 | | 10 | 10 | 1 | 10 | 10 | | | | October |
| Truax-Traer Coal Co. | 9 | 2 | 277 | 40 | 4 | 46 | 12 | 3 | 231 | 77 | November |
| United Electric Coal Co. | 3 | | 83 | 28 | 2 | 47 | 24 | 1 | 36 | 36 | December |
| Shipping mines. | 92 | 9 | 2,489 | 30 | 51 | 769 | 15 | 32 | 1,720 | 54 | |
| Local mines. | 8 | | 366 | 46 | 2 | 18 | 9 | 6 | 348 | 58 | |
| Total | 100 | 9 | 2,855 | 31 | 53 | 787 | 15 | 38 | 2,068 | 54 | Total |

ADAMS COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|-------------|--------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINE. | | | | | | | |
| 1 | Frank & John Totsch..... | Clayton..... | 64 | ----- | ----- | 61 | |

BROWN COUNTY

| | | | | | | | |
|---------------------------|----------------------------------|-------------------|-------|-------|-------|-------|-------|
| LOCAL MINES. | | | | | | | |
| 1 | Shepard & Herren..... | Clayton..... | 400 | ----- | ----- | ----- | 400 |
| 2 | J. G. Gross..... | Clayton..... | 220 | ----- | ----- | ----- | 220 |
| 3 | Milton Howk..... | Mt. Sterling..... | 200 | ----- | ----- | ----- | 200 |
| 4 | Chas. Redmond, Sr..... | Mt. Sterling..... | 200 | ----- | ----- | ----- | 200 |
| 5 | A. L. Cruser..... | Mt. Sterling..... | 160 | ----- | ----- | ----- | 160 |
| 6 | Clyde Kindhart & Dodd..... | Clayton..... | 160 | ----- | ----- | ----- | 120 |
| 7 | Perry Merriitt..... | Timewell..... | 150 | ----- | ----- | ----- | 147 |
| 8 | George Riley..... | Versailles..... | 147 | ----- | ----- | ----- | 147 |
| 9 | Alfred Krupps..... | Mt. Sterling..... | 144 | ----- | ----- | ----- | 144 |
| 10 | John Klingler..... | Clayton..... | 127 | ----- | ----- | ----- | 127 |
| 11 | J. B. McClary..... | Ripley..... | 125 | ----- | ----- | ----- | 75 |
| 12 | Ellis & Walker..... | Golden..... | 115 | ----- | ----- | ----- | 115 |
| 13 | Irwin Williams..... | Mt. Sterling..... | 100 | ----- | ----- | ----- | 100 |
| 14 | A. Carpenter..... | Mt. Sterling..... | 80 | ----- | ----- | ----- | 80 |
| 15 | L. W. Tournear..... | Clayton..... | 80 | ----- | ----- | ----- | 80 |
| 16 | C. R. Thomas..... | Ripley..... | 75 | ----- | ----- | ----- | 75 |
| 17 | Washburn & Hendricks..... | Ripley..... | 75 | ----- | ----- | ----- | 75 |
| 18 | Thomas L. Henry..... | Mt. Sterling..... | 69 | ----- | ----- | ----- | 69 |
| 19 | Leo Passlay..... | Golden..... | 48 | ----- | ----- | ----- | 48 |
| 20 | Curtis Black..... | Mt. Sterling..... | 40 | ----- | ----- | ----- | 40 |
| 21 | William Ingels..... | Mt. Sterling..... | 40 | ----- | ----- | ----- | 32 |
| 22 | Art Klingler..... | Timewell..... | 40 | ----- | ----- | ----- | 40 |
| 23 | Clemens Rang..... | Mt. Sterling..... | 40 | ----- | ----- | ----- | 40 |
| 24 | Lib Hendricks..... | Timewell..... | 32 | ----- | ----- | ----- | 32 |
| 25 | George Roberts..... | Mt. Sterling..... | 32 | ----- | ----- | ----- | 32 |
| 26 | Lawrence Factor..... | Mt. Sterling..... | 30 | ----- | ----- | ----- | 30 |
| 27 | Lisenbee Coal Co..... | Hersman..... | 25 | ----- | ----- | ----- | 25 |
| 28 | James Shepard..... | Clayton..... | 25 | ----- | ----- | ----- | 25 |
| 29 | Roy Taylor & Cletus Grafton..... | Mt. Sterling..... | 22 | ----- | ----- | ----- | 22 |
| 30 | Francis R. Crooks..... | Mt. Sterling..... | 15 | ----- | ----- | ----- | 10 |
| 31 | Frank Katzenburger..... | Clayton..... | 12 | ----- | ----- | ----- | 12 |
| 32 | Leonard Roberts..... | Mt. Sterling..... | 10 | ----- | ----- | ----- | 10 |
| 33 | Alfred Stinebaker..... | Mt. Sterling..... | 10 | ----- | ----- | ----- | 10 |
| 34 | Roland McClain..... | Clayton..... | 4 | ----- | ----- | ----- | 4 |
| 34 local mines total..... | | | 3,052 | ----- | ----- | ----- | 2,946 |

FULTON COUNTY

| | | | | | | | |
|-----------------|---|-----------------|---------|---------|--------|-------|--------|
| SHIPPING MINES. | | | | | | | |
| 1 | Midland Electric Coal Corp., No. 2..... | Farmington..... | 433,729 | 371,908 | 53,421 | ----- | ----- |
| 2 | Truax-Traer Coal Co., "St. David"..... | St. David..... | 360,907 | 303,873 | 57,034 | ----- | ----- |
| 3 | United Electric Coal Co., No. 9..... | Cuba..... | 336,818 | 264,894 | 60,318 | ----- | ----- |
| 4 | Dorthel Coal Co., No. 3..... | Farmington..... | 165,211 | 74,074 | 88,728 | ----- | 1,336 |
| 5 | Blakley Coal Co..... | Canton..... | 46,591 | 30,908 | ----- | ----- | 14,500 |

THIRD DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 3 | | 12 | 60 | | | | | | | | | 64 | | 1 |

THIRD DISTRICT.

| | | | | | | | | | | | | | | |
|-----|--|----|-----|----|--|--|--|--|--|--|-------|-------|--|----|
| | | 3 | 200 | | | | | | | | | 400 | | 1 |
| | | 4 | 125 | | | | | | | | 220 | | | 2 |
| | | 4 | 125 | | | | | | | | 200 | | | 3 |
| | | 2 | 60 | | | | | | | | 200 | | | 4 |
| | | 2 | 60 | 7 | | | | | | | 160 | | | 5 |
| 40 | | 3 | 50 | | | | | | | | | 160 | | 6 |
| 3 | | 3 | 75 | | | | | | | | 150 | | | 7 |
| | | 3 | 100 | 14 | | | | | | | 147 | | | 8 |
| | | 1 | 150 | | | | | | | | 144 | | | 9 |
| | | 1 | 110 | | | | | | | | 127 | | | 10 |
| 50 | | 3 | 110 | | | | | | | | 125 | | | 11 |
| | | 2 | 38 | 8 | | | | | | | 115 | | | 12 |
| | | 2 | 90 | | | | | | | | | 100 | | 13 |
| | | 4 | 20 | | | | | | | | | 80 | | 14 |
| | | 2 | 60 | | | | | | | | | 80 | | 15 |
| | | 2 | 45 | 3 | | | | | | | 75 | | | 16 |
| | | 2 | 75 | | | | | | | | 75 | | | 17 |
| | | 3 | 62 | 5 | | | | | | | 69 | | | 18 |
| | | 2 | 40 | | | | | | | | | 45 | | 19 |
| | | 4 | 20 | 1 | | | | | | | | 40 | | 20 |
| 8 | | 1 | 80 | | | | | | | | 40 | | | 21 |
| | | 1 | 200 | | | | | | | | 40 | | | 22 |
| | | 1 | 30 | | | | | | | | 40 | | | 23 |
| | | 2 | 20 | | | | | | | | | 32 | | 24 |
| | | 2 | 60 | | | | | | | | | 32 | | 25 |
| | | 2 | 15 | | | | | | | | | 30 | | 26 |
| | | 1 | 25 | 2 | | | | | | | 25 | | | 27 |
| | | 1 | 50 | | | | | | | | 25 | | | 28 |
| | | 2 | 20 | | | | | | | | 22 | | | 29 |
| 5 | | 1 | 15 | | | | | | | | | 15 | | 30 |
| | | 1 | 20 | | | | | | | | 12 | | | 31 |
| | | 1 | 10 | | | | | | | | | 10 | | 32 |
| | | 1 | 20 | | | | | | | | | 10 | | 33 |
| | | 1 | 6 | | | | | | | | | 4 | | 34 |
| 106 | | 68 | 64 | 40 | | | | | | | 2,011 | 1,041 | | |

THIRD DISTRICT.

| | | | | | | | | | | | | | | |
|-------|--------|-----|-----|-------|--------|-------|--------|---|---|---------|--------|---------|----|---|
| 4,104 | 4,296 | 148 | 274 | | | | | | | | | 433,729 | | 1 |
| | | 90 | 174 | | | | 25,450 | | | | | 360,907 | | 2 |
| 1,582 | 10,024 | 99 | 162 | 2,168 | | 1,500 | 500 | | | | | 336,818 | | 3 |
| 1,073 | | 177 | 192 | 919 | 71,575 | | | 7 | 2 | 130,453 | 34,758 | | 18 | 4 |
| 712 | 471 | 56 | 206 | | 15,525 | | | 2 | 1 | 46,591 | | | 5 | 5 |

FULTON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|------------------------------|-------------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 6 | Pschirrer & Sons..... | Canton..... | 45,387 | 20,875 | 20,000 | ----- | 4,512 |
| 7 | Illinois Colliery Co..... | Farmington..... | 40,653 | 27,831 | 7,800 | ----- | 5,022 |
| 8 | Canton Coal Co..... | Canton..... | 35,905 | 19,640 | 15,270 | ----- | 120 |
| 9 | Dorthel Coal Co., No. 2..... | Farmington..... | 18,867 | 4,623 | 13,643 | ----- | 396 |
| 10 | Sunnyside Coal Co..... | Cuba..... | 11,743 | 1,348 | ----- | ----- | 10,395 |
| 11 | Golden Rule Coal Co..... | Middlegrove..... | 11,602 | 7,251 | ----- | ----- | 4,351 |
| 12 | George Swords..... | Canton..... | 9,440 | 4,440 | ----- | ----- | 5,000 |
| 13 | E. A. Reed Coal Co..... | Canton..... | 5,746 | 5,646 | ----- | ----- | 100 |
| 14 | Living & Smith..... | Peoria..... | 3,809 | 3,352 | ----- | ----- | 307 |
| 14 shipping mines total..... | | | 1,526,408 | 1,140,663 | 316,214 | ----- | 46,039 |
| LOCAL MINES. | | | ----- | ----- | ----- | ----- | ----- |
| 1 | Clearview Mine..... | Canton..... | 17,462 | ----- | ----- | ----- | 17,412 |
| 2 | Westerby Bros..... | Farmington..... | 12,115 | ----- | ----- | ----- | 10,150 |
| 3 | Geo. H. Stambaugh..... | Ipava..... | 8,377 | ----- | ----- | ----- | 8,377 |
| 4 | Black Eagle Coal Co..... | Canton..... | 8,110 | ----- | ----- | ----- | 8,110 |
| 5 | Quality Coal Co..... | Canton..... | 5,450 | ----- | ----- | ----- | 5,455 |
| 6 | McGlaughlin Bros..... | Canton..... | 5,418 | ----- | ----- | ----- | 5,168 |
| 7 | Spoon River Coal Co..... | London Mills..... | 4,703 | ----- | ----- | ----- | 4,003 |
| 8 | Stevenson Bros..... | Ellisville..... | 4,674 | ----- | ----- | ----- | 4,474 |
| 9 | White Ash Coal Co..... | Canton..... | 4,409 | ----- | ----- | ----- | 4,409 |
| 10 | R. O. Livers..... | St. David..... | 4,253 | ----- | ----- | ----- | 4,253 |
| 11 | T. E. Wilson..... | Summum..... | 4,085 | ----- | ----- | ----- | 4,085 |
| 12 | Dallefeld Coal Co..... | Ellisville..... | 3,875 | ----- | ----- | ----- | 3,810 |
| 13 | Glores Coal Co..... | Ellisville..... | 3,538 | ----- | ----- | ----- | 3,588 |
| 14 | Thompson Bros..... | Canton..... | 3,726 | ----- | ----- | ----- | 3,726 |
| 15 | Bob Coal Mine..... | Astoria..... | 3,007 | ----- | ----- | ----- | 2,460 |
| 16 | Midway Coal Co..... | Canton..... | 2,968 | ----- | ----- | ----- | 2,968 |
| 17 | Rapatee Coal Co..... | Farmington..... | 2,569 | ----- | ----- | ----- | 2,567 |
| 18 | Avon Coal Co..... | Avon..... | 2,321 | ----- | ----- | ----- | 2,321 |
| 19 | Buckheart Coal Co..... | Canton..... | 2,255 | ----- | ----- | ----- | 2,255 |
| 20 | James W. Ley..... | Canton..... | 2,244 | ----- | ----- | ----- | 2,244 |
| 21 | B. & M. Coal Co..... | Canton..... | 2,236 | ----- | ----- | ----- | 2,116 |
| 22 | Glee Rockwell..... | Ipava..... | 2,218 | ----- | ----- | ----- | 2,218 |
| 23 | West End Mine..... | Astoria..... | 2,100 | ----- | ----- | ----- | 2,100 |
| 24 | John A. Haynes & Son..... | Canton..... | 2,000 | ----- | ----- | ----- | 2,000 |
| 25 | Fred E. Lingenfelter & Sons..... | Canton..... | 1,993 | ----- | ----- | ----- | 1,993 |
| 26 | A. E. Planque..... | Canton..... | 1,582 | ----- | ----- | ----- | 1,577 |
| 27 | P. A. Drudi..... | Glasford..... | 1,575 | ----- | ----- | ----- | 1,575 |
| 28 | Joe Bros..... | Norris..... | 1,440 | ----- | ----- | ----- | 1,240 |
| 29 | Sugarville Coal Co..... | Canton..... | 1,364 | ----- | ----- | ----- | 1,364 |
| 30 | John Kitzler Coal Co..... | Glasford..... | 1,320 | ----- | ----- | ----- | 1,320 |
| 31 | Elmer Simpson..... | Cuba..... | 1,319 | ----- | ----- | ----- | 1,319 |
| 32 | Tony Kanzlarich..... | Farmington..... | 1,245 | ----- | ----- | ----- | 800 |
| 33 | A. M. Cozine..... | Lewistown..... | 1,234 | ----- | ----- | ----- | 1,224 |
| 34 | Zaborac Bros..... | St. David..... | 1,213 | ----- | ----- | ----- | 1,200 |
| 35 | Street Coal Co..... | Fairview..... | 1,200 | ----- | ----- | ----- | 1,200 |
| 36 | Carl & Stanley Zaborac Coal Co..... | Canton..... | 1,200 | ----- | ----- | ----- | 1,200 |
| 37 | Bedwell Bros..... | Glasford..... | 1,164 | ----- | ----- | ----- | 1,164 |
| 38 | George Shubert Coal Co..... | Canton..... | 1,123 | ----- | ----- | ----- | 1,123 |
| 39 | Albert Watson..... | Astoria..... | 1,035 | ----- | ----- | ----- | 1,035 |
| 40 | Turkey Creek Mine..... | Norris..... | 1,034 | ----- | ----- | ----- | 1,002 |
| 41 | Frank Brown..... | Bryant..... | 1,033 | ----- | ----- | ----- | 1,033 |
| 42 | Geo. Baughman..... | Marietta..... | 1,000 | ----- | ----- | ----- | 1,000 |
| 43 | Walter K. Clauson..... | Glasford..... | 1,000 | ----- | ----- | ----- | 1,000 |
| 44 | Andrew Bennett..... | Bryant..... | 950 | ----- | ----- | ----- | 950 |
| 45 | Zimmerman Coal Co..... | Smithfield..... | 920 | ----- | ----- | ----- | 920 |
| 46 | Jerry Yocum & Sons..... | Lewistown..... | 900 | ----- | ----- | ----- | 900 |
| 47 | Henry Herriford..... | Ipava..... | 896 | ----- | ----- | ----- | 896 |
| 48 | Clark & Lightbody..... | Peoria..... | 880 | ----- | ----- | ----- | 880 |
| 49 | Johnson & Delrach..... | St. David..... | 800 | ----- | ----- | ----- | 800 |
| 50 | Geo. Hollandsworth..... | Canton..... | 758 | ----- | ----- | ----- | 755 |
| 51 | Bordwine & Gofinch..... | Bryant..... | 740 | ----- | ----- | ----- | 740 |
| 52 | Andrew Bennett..... | Bryant..... | 700 | ----- | ----- | ----- | 700 |

THIRD DISTRICT—Continued.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| — | — | 48 | 125 | 403 | 7,500 | 100 | — | 3 | 1 | 45,387 | — | — | 7 | 6 |
| — | — | 85 | 112 | 882 | 642 | — | — | 2 | 1 | 27,427 | 13,226 | — | 6 | 7 |
| 875 | — | 284 | 46 | 503 | — | — | — | 14 | 5 | 35,905 | — | — | 21 | 8 |
| 205 | — | 129 | 54 | 92 | 3,875 | — | — | 4 | 2 | 18,867 | — | — | 16 | 9 |
| — | — | 28 | 217 | 270 | 7,000 | — | — | — | — | — | 11,743 | — | 2 | 10 |
| — | — | 13 | 269 | — | 2,100 | — | — | 1 | — | — | — | — | 2 | 11 |
| — | — | 6 | 282 | 98 | — | 10 | — | — | — | — | — | 9,440 | — | 12 |
| — | — | 15 | 195 | 287 | — | — | — | — | 2 | — | 5,746 | — | 1 | 13 |
| 150 | — | 5 | 95 | 2 | 100 | 475 | — | — | — | — | — | 3,809 | — | 14 |
| 8,701 | 14,791 | 1,183 | 172 | 5,624 | 108,317 | 2,085 | 25,950 | 33 | 14 | 316,232 | 65,473 | 1,144,703 | 78 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | — | 25 | 200 | 172 | — | — | — | 2 | — | 17,462 | — | — | — | 1 |
| 1,965 | — | 25 | 160 | 729 | — | — | — | — | — | — | 12,115 | — | — | 2 |
| — | — | 11 | 264 | 310 | — | — | — | — | — | — | 8,377 | — | — | 3 |
| — | — | 12 | 152 | 450 | — | — | — | — | — | — | 8,110 | — | — | 4 |
| 15 | — | 8 | 180 | 275 | — | — | — | — | — | — | 5,450 | — | — | 5 |
| 250 | — | 10 | 145 | 320 | — | — | — | — | — | — | 5,418 | — | — | 6 |
| 700 | — | 15 | 175 | 600 | — | — | — | — | — | — | 4,703 | — | — | 7 |
| 200 | — | 10 | 227 | — | 8,600 | — | — | — | — | — | 4,674 | — | — | 8 |
| — | — | 6 | 186 | 176 | — | — | — | — | — | — | 4,499 | — | — | 9 |
| — | — | 6 | 160 | 50 | — | — | — | — | — | — | — | 4,253 | — | 10 |
| — | — | 12 | 200 | 150 | — | — | — | — | — | — | 4,085 | — | — | 11 |
| 65 | — | 12 | 145 | 418 | — | — | — | — | — | — | 3,875 | — | — | 12 |
| 250 | — | 13 | 240 | 383 | — | — | — | — | — | — | 3,838 | — | — | 13 |
| — | — | 11 | 290 | 340 | — | — | — | — | — | — | 3,726 | — | — | 14 |
| 547 | — | 12 | 174 | 126 | — | — | — | — | — | — | 3,007 | — | — | 15 |
| — | — | 6 | 160 | 39 | — | — | — | 1 | — | 2,968 | — | — | — | 16 |
| 2 | — | 15 | 105 | 100 | — | — | — | 1 | — | 2,569 | — | — | — | 17 |
| — | — | 7 | 150 | 240 | — | — | — | — | — | — | — | — | — | 18 |
| — | — | 10 | 155 | 115 | — | — | — | — | — | — | 2,321 | — | — | 19 |
| — | — | 3 | 150 | 154 | — | — | — | — | — | — | 2,244 | — | — | 20 |
| 120 | — | 8 | 200 | 89 | — | — | — | — | — | — | 2,236 | — | — | 21 |
| — | — | 14 | 90 | 60 | — | — | — | 2 | — | 2,218 | — | — | — | 22 |
| — | — | 5 | 110 | 42 | — | — | — | — | — | — | 2,100 | — | — | 23 |
| — | — | 3 | 200 | 60 | — | — | — | — | — | — | 2,000 | — | — | 24 |
| — | — | 4 | 180 | 45 | — | — | — | — | — | — | 1,993 | — | — | 25 |
| 5 | — | 4 | 209 | 79 | — | — | — | — | — | — | 1,582 | — | — | 26 |
| — | — | 5 | 260 | 160 | — | — | — | — | — | — | 1,575 | — | — | 27 |
| 200 | — | 9 | 140 | 80 | — | — | — | — | — | — | 1,440 | — | — | 28 |
| — | — | 8 | 132 | 92 | — | — | — | — | — | — | 1,364 | — | — | 29 |
| — | — | 8 | 93 | 97 | — | — | — | — | — | — | 1,320 | — | — | 30 |
| — | — | 3 | 286 | 65 | — | — | — | — | — | — | 1,319 | — | — | 31 |
| 445 | — | 4 | 120 | 83 | — | — | — | — | — | — | 1,245 | — | — | 32 |
| 10 | — | 2 | 125 | 26 | — | — | — | — | — | — | — | 1,234 | — | 33 |
| 13 | — | 2 | 185 | 56 | — | — | — | — | — | — | — | — | — | 34 |
| — | — | 6 | 100 | 80 | — | — | — | — | — | — | 1,213 | — | — | 35 |
| — | — | 3 | 160 | — | 900 | — | — | — | — | — | 1,200 | — | — | 36 |
| — | — | 4 | 130 | 60 | — | — | — | — | — | — | 1,164 | — | — | 37 |
| — | — | 3 | 140 | 54 | — | — | — | — | — | — | 1,123 | — | — | 38 |
| — | — | 7 | 67 | — | — | — | — | — | — | — | 1,035 | — | — | 39 |
| — | — | 8 | 97 | 95 | — | — | — | — | — | — | 1,034 | — | — | 40 |
| — | — | 3 | 215 | — | 1,200 | — | — | — | — | — | 1,033 | — | — | 41 |
| — | — | 4 | 200 | — | 300 | — | — | — | — | — | 1,000 | — | — | 42 |
| — | — | 8 | 120 | 40 | — | — | — | — | — | — | 1,000 | — | — | 43 |
| — | — | 5 | 115 | 40 | — | — | — | — | — | — | 950 | — | — | 44 |
| — | — | 7 | 150 | 62 | — | — | — | — | — | — | 920 | — | — | 45 |
| — | — | 6 | 170 | 81 | — | — | — | — | — | — | 900 | — | — | 46 |
| — | — | 4 | 180 | 65 | — | — | — | — | — | — | 896 | — | — | 47 |
| — | — | 3 | 180 | 59 | — | — | — | — | — | — | 880 | — | — | 48 |
| — | — | 3 | 156 | 42 | — | — | — | — | — | — | 800 | — | — | 49 |
| 3 | — | 2 | 200 | — | 2,050 | — | — | — | — | — | 758 | — | — | 50 |
| — | — | 4 | 85 | 57 | — | — | — | — | — | — | 740 | — | — | 51 |
| — | — | 2 | 56 | 32 | — | — | — | — | — | — | 700 | — | — | 52 |

FULTON COUNTY

| Number | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|--------|--------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 53 | Rice Lake Coal Co. | Glasford. | 680 | | | | 680 |
| 54 | Logan Whitehead. | Lewistown. | 654 | | | | 654 |
| 55 | Carl Richards. | Canton. | 624 | | | | 624 |
| 56 | Malmgren & Bitner. | Glasford. | 560 | | | | 560 |
| 57 | Jack Zaborac. | Cuba. | 552 | | | | 552 |
| 58 | August Von Ach. | Cuba. | 543 | | | | 543 |
| 59 | H. B. Brush. | Marietta. | 536 | | | | 536 |
| 60 | E. M. Reynolds Coal Co. | Canton. | 525 | | | | 500 |
| 61 | V. O. Dudley & Wells. | Canton. | 520 | | | | 520 |
| 62 | John Beggi. | Farmington. | 514 | | | | 514 |
| 63 | John Cimo. | Lewistown. | 514 | | | | 514 |
| 64 | John Frasco. | Canton. | 485 | | | | 485 |
| 65 | Geo. W. Deary. | Lewistown. | 480 | | | | 480 |
| 66 | Willard Mellert. | Canton. | 473 | | | | 473 |
| 67 | Pheasant & E. Roth. | Fairview. | 461 | | | | 449 |
| 68 | Stokes & Conway. | Canton. | 443 | | | | 443 |
| 69 | Lundquist & Taylor. | Lewistown. | 431 | | | | 431 |
| 70 | Joe Davis. | Astoria. | 400 | | | | 400 |
| 71 | Tom Jenkins. | Cuba. | 400 | | | | 400 |
| 72 | Sam Cook. | Astoria. | 390 | | | | 390 |
| 73 | Tatter Holler Coal Co. | Avon. | 375 | | | | 375 |
| 74 | Joe DuFour & Son. | Fairview. | 336 | | | | 336 |
| 75 | Stockham & Mason. | Cuba. | 335 | | | | 335 |
| 76 | Peter Karlovich & Son. | St. David. | 325 | | | | 275 |
| 77 | W. A. McCone. | Fairview. | 325 | | | | 325 |
| 78 | Hendee Bros. | Havana. | 320 | | | | 320 |
| 79 | Ketcham Coal Co. | Canton. | 317 | | | | 317 |
| 80 | Phillip Franciscovich. | Canton. | 311 | | | | 261 |
| 81 | George C. Bobo. | Breeds. | 300 | | | | 300 |
| 82 | Chas. Dilts & Son. | Fiatt. | 300 | | | | 300 |
| 83 | Shaffer & Thompson. | Astoria. | 288 | | | | 288 |
| 84 | Sheldon C. Lingenfelter. | Canton. | 285 | | | | 285 |
| 85 | Stremmel Coal Co. | Astoria. | 284 | | | | 284 |
| 86 | Joe Elias & Co. | Fairview. | 279 | | | | 229 |
| 87 | Frank Newburn. | Cuba. | 275 | | | | 265 |
| 88 | Jess Barker. | Cuba. | 270 | | | | 270 |
| 89 | C. J. Langstaff. | Canton. | 260 | | | | 260 |
| 90 | J. A. Daniels. | Fiatt. | 250 | | | | 250 |
| 91 | Marion Stuffebeam. | St. David. | 240 | | | | 240 |
| 92 | Fred Dawson. | Ipava. | 226 | | | | 226 |
| 93 | Charley Raker. | Lewistown. | 225 | | | | 225 |
| 94 | Engle Bros. | Cuba. | 218 | | | | 218 |
| 95 | Elmer Allen. | Lewistown. | 216 | | | | 216 |
| 96 | E. H. Brooks. | Fairview. | 200 | | | | 200 |
| 97 | Clarence Danner. | Astoria. | 200 | | | | 200 |
| 98 | Tiber Creek Coal Co. | Glasford. | 200 | | | | 198 |
| 99 | A. H. Dudley & F. Baker. | Glasford. | 190 | | | | 190 |
| 100 | Elzie Wrestler. | Summum. | 190 | | | | 190 |
| 101 | Arthur Blagden. | Avon. | 184 | | | | 184 |
| 102 | John Brooks. | Cuba. | 180 | | | | 180 |
| 103 | Frank Lee & Son. | Canton. | 172 | | | | 172 |
| 104 | R. R. Hubbs. | Summum. | 160 | | | | 160 |
| 105 | Lewis Paul. | Fairview. | 160 | | | | 160 |
| 106 | J. Grindie & Son. | Cuba. | 150 | | | | 150 |
| 107 | C. F. Roden. | Cuba. | 150 | | | | 140 |
| 108 | Economy Coal Co. | Canton. | 141 | | | | 141 |
| 109 | Frank Tink. | Canton. | 139 | | | | 139 |
| 110 | Chasteen Coal Co. | Ellisville. | 125 | | | | 125 |
| 111 | J. T. Johnson. | Canton. | 110 | | | | 110 |
| 112 | Chaddock & Lightle. | Bryant. | 105 | | | | 105 |
| 113 | Dorich Bros. | Canton. | 105 | | | | 105 |
| 114 | Wm. Ackerson. | Cuba. | 100 | | | | 100 |
| 115 | Gardie Petters. | Lewistown. | 96 | | | | 96 |
| 116 | Jack Wagstaff. | Marietta. | 85 | | | | 80 |
| 117 | John Bruketa. | Farmington. | 80 | | | | 80 |
| 118 | Gagg & Gelmore. | Cuba. | 80 | | | | 80 |

THIRD DISTRICT—Continued.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| | | 5 | 200 | 55 | ..... | ..... | ..... | ..... | ..... | ..... | 680 | ..... | ..... | 53 |
| | | 3 | 90 | 30 | ..... | ..... | ..... | ..... | ..... | ..... | 654 | ..... | ..... | 54 |
| | | 1 | 131 | 26 | ..... | ..... | ..... | ..... | ..... | ..... | 624 | ..... | ..... | 55 |
| | | 3 | 120 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | 560 | ..... | ..... | 56 |
| | | 2 | 57 | 69 | ..... | ..... | ..... | ..... | ..... | ..... | 552 | ..... | ..... | 57 |
| | | 2 | 110 | 32 | ..... | ..... | ..... | ..... | ..... | ..... | 543 | ..... | ..... | 58 |
| | | 4 | 164 | 42 | ..... | ..... | ..... | ..... | ..... | ..... | 536 | ..... | ..... | 59 |
| 25 | | 4 | 192 | 55 | ..... | ..... | ..... | ..... | ..... | ..... | 525 | ..... | ..... | 60 |
| | | 5 | 100 | 22 | ..... | ..... | ..... | ..... | ..... | ..... | 520 | ..... | ..... | 61 |
| | | 4 | 190 | 78 | ..... | ..... | ..... | ..... | ..... | ..... | 514 | ..... | ..... | 62 |
| | | 3 | 200 | 38 | ..... | ..... | ..... | ..... | ..... | ..... | 514 | ..... | ..... | 63 |
| | | 3 | 120 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | 455 | ..... | ..... | 64 |
| | | 2 | 140 | 25 | ..... | ..... | ..... | ..... | ..... | ..... | 480 | ..... | ..... | 65 |
| 12 | | 6 | 161 | 43 | ..... | ..... | ..... | ..... | ..... | ..... | 473 | ..... | ..... | 66 |
| | | 2 | 78 | 29 | ..... | ..... | ..... | ..... | ..... | ..... | 461 | ..... | ..... | 67 |
| | | 5 | 122 | 28 | ..... | ..... | ..... | ..... | ..... | ..... | 443 | ..... | ..... | 68 |
| | | 3 | 144 | 49 | ..... | ..... | ..... | ..... | ..... | ..... | 431 | ..... | ..... | 69 |
| | | 5 | 220 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | 400 | ..... | ..... | 70 |
| | | 5 | 108 | 50 | ..... | ..... | ..... | ..... | ..... | ..... | 400 | ..... | ..... | 71 |
| | | 2 | 120 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 390 | ..... | ..... | 72 |
| | | 3 | 180 | 23 | ..... | ..... | ..... | ..... | ..... | ..... | 375 | ..... | ..... | 73 |
| | | 4 | 200 | 35 | ..... | ..... | ..... | ..... | ..... | ..... | 336 | ..... | ..... | 74 |
| | | 4 | 75 | 22 | ..... | ..... | ..... | ..... | ..... | ..... | 335 | ..... | ..... | 75 |
| 50 | | 2 | 85 | 25 | ..... | ..... | ..... | ..... | ..... | ..... | 325 | ..... | ..... | 76 |
| | | 2 | 180 | 27 | ..... | ..... | ..... | ..... | ..... | ..... | 325 | ..... | ..... | 77 |
| | | 3 | 220 | 26 | ..... | ..... | ..... | ..... | ..... | ..... | 320 | ..... | ..... | 78 |
| | | 3 | 48 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | 317 | ..... | ..... | 79 |
| 50 | | 2 | 216 | 22 | ..... | ..... | ..... | ..... | ..... | ..... | 311 | ..... | ..... | 80 |
| | | 2 | 21 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | 300 | ..... | ..... | 81 |
| | | 3 | 120 | 17 | ..... | ..... | ..... | ..... | ..... | ..... | 300 | ..... | ..... | 82 |
| | | 3 | 160 | 16 | ..... | ..... | ..... | ..... | ..... | ..... | 288 | ..... | ..... | 83 |
| | | 2 | 30 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | 285 | ..... | ..... | 84 |
| | | 4 | 60 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 284 | ..... | 85 |
| 50 | | 6 | 45 | 39 | ..... | ..... | ..... | ..... | ..... | ..... | 279 | ..... | ..... | 86 |
| 10 | | 2 | 180 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 275 | ..... | ..... | 87 |
| | | 2 | 150 | 26 | ..... | ..... | ..... | ..... | ..... | ..... | 270 | ..... | ..... | 88 |
| | | 2 | 67 | 38 | ..... | ..... | ..... | ..... | ..... | ..... | 260 | ..... | ..... | 89 |
| | | 2 | 125 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 250 | ..... | ..... | 90 |
| | | 3 | 90 | 16 | ..... | ..... | ..... | ..... | ..... | ..... | 240 | ..... | ..... | 91 |
| | | 3 | 120 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | 226 | ..... | ..... | 92 |
| | | 2 | 90 | 27 | ..... | ..... | ..... | ..... | ..... | ..... | 225 | ..... | ..... | 93 |
| | | 2 | 70 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | 218 | ..... | ..... | 94 |
| | | 1 | 90 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 216 | ..... | ..... | 95 |
| | | 2 | 64 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | 200 | ..... | ..... | 96 |
| | | 3 | 80 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 200 | ..... | ..... | 97 |
| | | 3 | 40 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 200 | ..... | ..... | 98 |
| | | 2 | 100 | 49 | ..... | ..... | ..... | ..... | ..... | ..... | 190 | ..... | ..... | 99 |
| | | 2 | 90 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 190 | ..... | ..... | 100 |
| | | 4 | 120 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 184 | ..... | ..... | 101 |
| | | 2 | 70 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 180 | ..... | ..... | 102 |
| | | 4 | 120 | 15 | ..... | ..... | ..... | ..... | ..... | ..... | 172 | ..... | ..... | 103 |
| | | 1 | 60 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | 160 | ..... | ..... | 104 |
| | | 2 | 40 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | 160 | ..... | ..... | 105 |
| | | 2 | 125 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 150 | ..... | ..... | 106 |
| 10 | | 2 | 40 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | 150 | ..... | ..... | 107 |
| | | 4 | 181 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | 141 | ..... | ..... | 108 |
| | | 2 | 90 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | 139 | ..... | ..... | 109 |
| | | 2 | 60 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | 125 | ..... | ..... | 110 |
| | | 1 | 55 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | 110 | ..... | ..... | 111 |
| | | 2 | 50 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | 105 | ..... | ..... | 112 |
| | | 3 | 43 | 9 | ..... | ..... | ..... | ..... | ..... | ..... | 105 | ..... | ..... | 113 |
| | | 2 | 35 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | 100 | ..... | ..... | 114 |
| | | 1 | 78 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | 96 | ..... | ..... | 115 |
| 5 | | 2 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 85 | ..... | ..... | 116 |
| | | 2 | 100 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 80 | ..... | ..... | 117 |
| | | 2 | 100 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | 80 | ..... | ..... | 118 |

FULTON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------------|----------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 119 | R. Gooden..... | Lewistown..... | 80 | ----- | ----- | ----- | 80 |
| 120 | Bill Severns..... | Marietta..... | 80 | ----- | ----- | ----- | 80 |
| 121 | Tony Starcenich & Son..... | Canton..... | 80 | ----- | ----- | ----- | 75 |
| 122 | Allen English..... | Marietta..... | 60 | ----- | ----- | ----- | 60 |
| 123 | DeLoss Thompson..... | Ipava..... | 57 | ----- | ----- | ----- | 57 |
| 124 | Nicfor Benac..... | Cuba..... | 56 | ----- | ----- | ----- | 56 |
| 125 | Theodore Anderson..... | Marietta..... | 50 | ----- | ----- | ----- | 50 |
| 126 | H. H. Bitner..... | Glasford..... | 50 | ----- | ----- | ----- | 50 |
| 127 | John Ealy..... | Marietta..... | 48 | ----- | ----- | ----- | 48 |
| 128 | M. Libby Coal Mine..... | Canton..... | 40 | ----- | ----- | ----- | 40 |
| 129 | Arthur Phelps..... | Marietta..... | 40 | ----- | ----- | ----- | 40 |
| 130 | Frank English..... | Marietta..... | 36 | ----- | ----- | ----- | 36 |
| 131 | J. B. Dubois..... | Farmington..... | 28 | ----- | ----- | ----- | 28 |
| 132 | D. G. Caplinger..... | Cuba..... | 20 | ----- | ----- | ----- | 20 |
| 133 | Hart & James..... | Marietta..... | 16 | ----- | ----- | ----- | 16 |
| 134 | W. P. Ackerson..... | Marietta..... | 12 | ----- | ----- | ----- | 12 |
| 135 | North Smith..... | Marietta..... | 10 | ----- | ----- | ----- | 10 |
| 135 local mines total..... | | | 166,841 | ----- | ----- | ----- | 161,750 |
| 149 all mines total..... | | | 1,693,249 | 1,140,663 | 316,214 | ----- | 207,789 |

HANCOCK COUNTY

| LOCAL MINES. | | | | | | | |
|--------------------------|---------------------------|--------------|-------|-------|-------|-------|-------|
| 1 | Low Ash Coal Mine..... | Augusta..... | 842 | ----- | ----- | ----- | 842 |
| 2 | Andra Martin..... | Augusta..... | 500 | ----- | ----- | ----- | 500 |
| 3 | C. H. Ellis & Son..... | Augusta..... | 450 | ----- | ----- | ----- | 450 |
| 4 | F. E. Merideth & Son..... | Augusta..... | 430 | ----- | ----- | ----- | 430 |
| 5 | Eddie Hiland..... | Augusta..... | 400 | ----- | ----- | ----- | 400 |
| 6 | A. E. Roberts..... | Augusta..... | 126 | ----- | ----- | ----- | 120 |
| 6 local mines total..... | | | 2,748 | ----- | ----- | ----- | 2,742 |

KNOX COUNTY

| SHIPPING MINE. | | | | | | | |
|----------------|----------------------------------|------------------|---------|--------|---------|-------|--------|
| 1 | Galesburg Mining Co., No. 1..... | Galesburg..... | 311,751 | 22,510 | 213,520 | ----- | 72,415 |
| LOCAL MINES. | | | | | | | |
| 1 | Knoxville Mining Co..... | Knoxville..... | 48,758 | ----- | ----- | ----- | 47,258 |
| 2 | Bowman Coal Co..... | Yates City..... | 2,576 | ----- | ----- | ----- | 2,576 |
| 3 | A. A. Humphreys..... | Knoxville..... | 2,430 | ----- | ----- | ----- | 2,000 |
| 4 | Howard Collier..... | Fiatt..... | 2,000 | ----- | ----- | ----- | 2,000 |
| 5 | Homer Morse, No. 1..... | Maquon..... | 1,637 | ----- | ----- | ----- | 1,637 |
| 6 | Ed Boostrom..... | Victoria..... | 1,310 | ----- | ----- | ----- | 1,310 |
| 7 | Lockett Coal Co..... | Monmouth..... | 1,279 | ----- | ----- | ----- | 1,179 |
| 8 | Gavin Graham Coal Co..... | Middlegrove..... | 1,225 | ----- | ----- | ----- | 1,225 |
| 9 | Charlie Johnson..... | Oneida..... | 1,200 | ----- | ----- | ----- | 1,200 |
| 10 | J. F. Morse..... | Maquon..... | 1,152 | ----- | ----- | ----- | 1,152 |
| 11 | Hugh King..... | Victoria..... | 1,071 | ----- | ----- | ----- | 1,071 |
| 12 | Salem Anderson..... | Middlegrove..... | 1,000 | ----- | ----- | ----- | 1,000 |
| 13 | L. S. Purviance..... | Middlegrove..... | 1,000 | ----- | ----- | ----- | 1,000 |
| 14 | Wm. Mertz..... | Maquon..... | 932 | ----- | ----- | ----- | 932 |

THIRD DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| ----- | ----- | 1 | 20 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | 80 | ----- | ----- | 119 |
| ----- | ----- | 2 | 45 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 80 | ----- | ----- | 120 |
| 5 | ----- | 2 | 100 | 10 | ----- | ----- | ----- | ----- | ----- | ----- | 80 | ----- | ----- | 121 |
| ----- | ----- | 2 | 30 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | 60 | ----- | ----- | 122 |
| ----- | ----- | 1 | 110 | 12 | ----- | ----- | ----- | ----- | ----- | ----- | 57 | ----- | ----- | 123 |
| ----- | ----- | 1 | 50 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | 56 | ----- | ----- | 124 |
| ----- | ----- | 1 | 90 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 50 | ----- | ----- | 125 |
| ----- | ----- | 1 | 18 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | 50 | ----- | ----- | 126 |
| ----- | ----- | 1 | 24 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 48 | ----- | ----- | 127 |
| ----- | ----- | 2 | 20 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 40 | ----- | ----- | 128 |
| ----- | ----- | 2 | 40 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | 40 | ----- | ----- | 129 |
| ----- | ----- | 2 | 40 | 8 | ----- | ----- | ----- | ----- | ----- | ----- | 36 | ----- | ----- | 130 |
| ----- | ----- | 1 | 30 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 28 | ----- | ----- | 131 |
| ----- | ----- | 1 | 12 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 20 | ----- | ----- | 132 |
| ----- | ----- | 2 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 16 | ----- | ----- | 133 |
| ----- | ----- | 2 | 12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 12 | ----- | ----- | 134 |
| ----- | ----- | 1 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10 | ----- | ----- | 135 |
| 5,091 | ----- | 598 | 121 | 8,560 | 13,050 | ----- | ----- | 6 | ----- | 25,217 | 135,853 | 5,771 | ----- | ----- |
| 13,792 | 14,791 | 1,781 | 126 | 14,184 | 121,367 | 2,085 | 25,950 | 39 | 14 | 341,449 | 201,326 | 1,150,474 | 78 | ----- |

THIRD DISTRICT.

| | | | | | | | | | | | | | |
|-------|-------|----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ----- | ----- | 9 | 26 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 842 | ----- | 1 |
| ----- | ----- | 5 | 130 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | 500 | ----- | 2 |
| ----- | ----- | 7 | 156 | 45 | ----- | ----- | ----- | ----- | ----- | ----- | 450 | ----- | 3 |
| ----- | ----- | 5 | 100 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | 430 | ----- | 4 |
| ----- | ----- | 6 | 230 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 400 | ----- | 5 |
| 6 | ----- | 4 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 126 | ----- | 6 |
| 6 | ----- | 36 | 124 | 95 | ----- | ----- | ----- | ----- | ----- | ----- | 1,906 | 842 | ----- |

THIRD DISTRICT.

| | | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|-------|-------|-------|-------|---------|-------|-------|-------|----|
| 816 | 2,490 | 295 | 225 | 4,554 | ----- | ----- | 12 | 5 | 302,807 | 8,944 | ----- | 35 | 1 |
| 1,500 | ----- | 62 | 260 | 388 | ----- | ----- | 1 | ----- | 48,758 | ----- | ----- | ----- | 1 |
| ----- | ----- | 7 | 108 | 200 | ----- | ----- | ----- | ----- | ----- | 2,576 | ----- | ----- | 2 |
| 430 | ----- | 6 | 306 | 125 | ----- | ----- | ----- | ----- | ----- | 2,430 | ----- | ----- | 3 |
| ----- | ----- | 5 | 100 | 200 | ----- | ----- | ----- | ----- | ----- | 2,000 | ----- | ----- | 4 |
| ----- | ----- | 4 | 120 | 82 | ----- | ----- | ----- | ----- | ----- | 1,637 | ----- | ----- | 5 |
| ----- | ----- | 10 | 150 | ----- | ----- | ----- | ----- | ----- | ----- | 1,310 | ----- | ----- | 6 |
| 100 | ----- | 12 | 66 | 120 | ----- | ----- | ----- | ----- | ----- | 1,279 | ----- | ----- | 7 |
| ----- | ----- | 7 | 118 | 107 | ----- | ----- | ----- | ----- | ----- | 1,225 | ----- | ----- | 8 |
| ----- | ----- | 5 | 150 | ----- | ----- | ----- | ----- | ----- | ----- | 1,200 | ----- | ----- | 9 |
| ----- | ----- | 4 | 200 | 100 | ----- | ----- | ----- | ----- | ----- | 1,152 | ----- | ----- | 10 |
| ----- | ----- | 4 | 200 | ----- | ----- | ----- | ----- | ----- | ----- | 1,071 | ----- | ----- | 11 |
| ----- | ----- | 5 | 100 | 75 | ----- | ----- | ----- | ----- | ----- | 1,000 | ----- | ----- | 12 |
| ----- | ----- | 10 | 75 | 100 | ----- | ----- | ----- | ----- | ----- | 1,000 | ----- | ----- | 13 |
| ----- | ----- | 3 | 116 | 77 | ----- | ----- | ----- | ----- | ----- | 932 | ----- | ----- | 14 |

KNOX COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 15 | C. R. Dimmick | Victoria | 641 | | | | 637 |
| 16 | Claude Love | Farmington | 552 | | | | 552 |
| 17 | Fitzpatrick & Anderson | Middlegrove | 496 | | | | 496 |
| 18 | Jake Hubbell | Middlegrove | 493 | | | | 493 |
| 19 | Chas. Linn | Victoria | 480 | | | | 480 |
| 20 | Walch & Son | Williamsfield | 480 | | | | 474 |
| 21 | Forrest Brown | Abingdon | 450 | | | | 450 |
| 22 | Phillips Coal Co. | Farmington | 450 | | | | 325 |
| 23 | Ed. Larner, No. 1 | Victoria | 425 | | | | 425 |
| 24 | Olof Lindbeck | Wataga | 375 | | | | 375 |
| 25 | Wm. Charnock | Knoxville | 315 | | | | 308 |
| 26 | Westfall Bros | Knoxville | 310 | | | | 300 |
| 27 | Hockstrom Bros | Victoria | 300 | | | | 300 |
| 28 | H. L. Naslund & Heflin | Victoria | 300 | | | | 290 |
| 29 | Erick Strom | Victoria | 300 | | | | 300 |
| 30 | Hayes Dalton | Galesburg | 248 | | | | 173 |
| 31 | Leonard Stegall | Oneida | 215 | | | | 215 |
| 32 | Tom King | Victoria | 180 | | | | 180 |
| 33 | W. J. Scott | Knoxville | 150 | | | | 150 |
| 34 | William H. Norton | Farmington | 120 | | | | 120 |
| 35 | Orval Benett | Herman | 112 | | | | 112 |
| 36 | Chas. Borrell | Delong | 100 | | | | 100 |
| 37 | Miles O. Smith | Galesburg | 100 | | | | 100 |
| 38 | Homer Morse, No. 2 | Maquon | 98 | | | | 98 |
| 39 | Henry Sprinkle | Herman | 80 | | | | 75 |
| 40 | Winchell Coal Co. | Abingdon | 67 | | | | 67 |
| 41 | Chas. Murphey | Victoria | 60 | | | | 60 |
| 42 | A. A. Bangston | Wataga | 50 | | | | 50 |
| 43 | Clyde Wager | Victoria | 50 | | | | 50 |
| 44 | Will Weedman | Victoria | 50 | | | | 50 |
| 45 | A. O. McNaught | Victoria | 48 | | | | 48 |
| 46 | Geo. Seerist | Victoria | 40 | | | | 40 |
| 47 | Wm. Stuckey | Galesburg | 40 | | | | 40 |
| 48 | Peter Nordlund | Oneida | 20 | | | | 20 |
| 49 | Heywood Thurman | Delong | 20 | | | | 20 |
| 50 | Nora O'Brien | Victoria | 16 | | | | 16 |
| 51 | Henry Larson | Wataga | 10 | | | | 10 |
| 51 local mines total | | | 75,811 | | | | 73,539 |
| 52 all mines total | | | 387,562 | 22,510 | 213,520 | | 145,954 |

MC DONOUGH COUNTY

| LOCAL MINES. | | | | | | |
|--------------|-------------------------|------------|-------|--|--|-------|
| 1 | Baird Coal Co. | Colchester | 2,171 | | | 2,171 |
| 2 | Thos. T. Baird | Colchester | 2,150 | | | 2,150 |
| 3 | John Nelson | Colchester | 800 | | | 800 |
| 4 | Ralph Greenbank | Colchester | 459 | | | 459 |
| 5 | W. E. Lindsey | Industry | 362 | | | 362 |
| 6 | Frank Fox & Co. | Colchester | 350 | | | 350 |
| 7 | Windsor Coal & Clay Co. | Colchester | 325 | | | 317 |
| 8 | Booth & Kipling | Colchester | 320 | | | 320 |
| 9 | Herman Vogler | Macomb | 282 | | | 282 |
| 10 | Elmer W. Miller | Macomb | 238 | | | 238 |
| 11 | P. F. Whalen | Colchester | 235 | | | 235 |
| 12 | J. Mordue & Son | Colchester | 230 | | | 230 |
| 13 | Booth & Bexson | Colchester | 200 | | | 200 |
| 14 | Chas. Wilson | Colchester | 200 | | | 200 |
| 15 | Fentem Bros | Colchester | 190 | | | 190 |

THIRD DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 4 | | 4 | 175 | | | | | | | | 641 | | | 15 |
| | | 3 | 135 | 53 | | | | | | | 552 | | | 16 |
| | | 4 | 100 | 99 | | | | | | | 496 | | | 17 |
| | | 4 | 140 | 50 | | | | | | | 493 | | | 18 |
| | | 4 | 120 | | | | | | | | 480 | | | 19 |
| 6 | | 2 | 110 | | | | | | | | 480 | | | 20 |
| | | 5 | 100 | | | | | | | | | 450 | | 21 |
| 125 | | 9 | 90 | 125 | | | | | | | 450 | | | 22 |
| | | 6 | 180 | | | | | | | | 425 | | | 23 |
| | | 2 | 180 | | | | | | | | 375 | | | 24 |
| 7 | | 3 | 170 | | | | | | | | 315 | | | 25 |
| 10 | | 3 | 152 | | | | | | | | 310 | | | 26 |
| | | 3 | 120 | | | | | | | | 300 | | | 27 |
| 10 | | 6 | 120 | | | | | | | | 300 | | | 28 |
| | | 4 | 100 | | | | | | | | 300 | | | 29 |
| 75 | | 2 | 61 | 2 | | | | | | | | 248 | | 30 |
| | | 4 | 125 | | | | | | | | 215 | | | 31 |
| | | 2 | 90 | | | | | | | | 180 | | | 32 |
| | | 2 | 60 | 7 | | | | | | | 150 | | | 33 |
| | | 1 | 60 | | | | | | | | | 120 | | 34 |
| | | 1 | 140 | 7 | | | | | | | 112 | | | 35 |
| | | 1 | 100 | | | | | | | | 100 | | | 36 |
| | | 3 | 30 | 6 | | | | | | | 100 | | | 37 |
| | | 3 | 45 | 4 | | | | | | | 98 | | | 38 |
| 5 | | 2 | 90 | | | | | | | | 80 | | | 39 |
| | | 3 | 100 | | | | | | | | 67 | | | 40 |
| | | 2 | 60 | | | | | | | | 60 | | | 41 |
| | | 2 | 100 | | | | | | | | 50 | | | 42 |
| | | 2 | 30 | | | | | | | | 50 | | | 43 |
| | | 2 | 20 | | | | | | | | 50 | | | 44 |
| | | 3 | 30 | | | | | | | | 48 | | | 45 |
| | | 2 | 20 | | | | | | | | 40 | | | 46 |
| | | 4 | 30 | | | | | | | | 40 | | | 47 |
| | | 3 | 10 | | | | | | | | 20 | | | 48 |
| | | 2 | 20 | | | | | | | | 20 | | | 49 |
| | | 1 | 20 | | | | | | | | 16 | | | 50 |
| | | 1 | 30 | | | | | | | | 10 | | | 51 |
| 2,272 | | 259 | 105 | 1,927 | | | | 1 | | 48,758 | 26,235 | 818 | | |
| 3,088 | 2,490 | 554 | 107 | 6,481 | | | | 13 | 5 | 351,565 | 35,179 | 818 | 35 | |

THIRD DISTRICT.

| | | | | | | | | | | | | | | |
|---|--|----|-----|--|--|--|--|--|--|--|-------|-------|--|----|
| | | | | | | | | | | | | | | |
| | | 10 | 100 | | | | | | | | | 2,171 | | 1 |
| | | 12 | 130 | | | | | | | | 2,150 | | | 2 |
| | | 3 | 180 | | | | | | | | 800 | | | 3 |
| | | 2 | 212 | | | | | | | | 459 | | | 4 |
| | | 5 | 131 | | | | | | | | | 362 | | 5 |
| | | 6 | 100 | | | | | | | | 350 | | | 6 |
| 8 | | 12 | 40 | | | | | | | | 325 | | | 7 |
| | | 2 | 200 | | | | | | | | 320 | | | 8 |
| | | 4 | 60 | | | | | | | | 282 | | | 9 |
| | | 2 | 169 | | | | | | | | 238 | | | 10 |
| | | 3 | 95 | | | | | | | | 235 | | | 11 |
| | | 4 | 83 | | | | | | | | 230 | | | 12 |
| | | 3 | 65 | | | | | | | | 200 | | | 13 |
| | | 2 | 100 | | | | | | | | 200 | | | 14 |
| | | 2 | 120 | | | | | | | | 190 | | | 15 |

MCDONOUGH COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------|------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 16 | Amos Atkinson..... | Colchester..... | 175 | ----- | ----- | ----- | 175 |
| 17 | Beal & Stookey..... | Colchester..... | 153 | ----- | ----- | ----- | 129 |
| 18 | Alla Vawter..... | Colchester..... | 150 | ----- | ----- | ----- | 150 |
| 19 | Robert B. Miller..... | Macomb..... | 144 | ----- | ----- | ----- | 144 |
| 20 | Waddill Bros..... | Tennessee..... | 136 | ----- | ----- | ----- | 136 |
| 21 | Ed Zinn..... | Industry..... | 134 | ----- | ----- | ----- | 134 |
| 22 | Chas. Zimkoskie Bros..... | Birmingham..... | 100 | ----- | ----- | ----- | 100 |
| 23 | J. C. McGrann..... | Colchester..... | 84 | ----- | ----- | ----- | 84 |
| 24 | I. L. Willey..... | Macomb..... | 58 | ----- | ----- | ----- | 58 |
| 25 | Thomas Stoker..... | Industry..... | 56 | ----- | ----- | ----- | 56 |
| 26 | Earl Bunt..... | Colchester..... | 50 | ----- | ----- | ----- | 50 |
| 27 | Kilgore & Co..... | Colchester..... | 50 | ----- | ----- | ----- | 50 |
| 28 | McClure & Mourning..... | Colchester..... | 50 | ----- | ----- | ----- | 50 |
| 29 | Wm. Whalen & Fred Flack..... | Colchester..... | 40 | ----- | ----- | ----- | 40 |
| 30 | Thomas Atkinson..... | Colchester..... | 36 | ----- | ----- | ----- | 36 |
| 31 | Arthur Vawter..... | Colchester..... | 32 | ----- | ----- | ----- | 32 |
| 32 | Frank Kipling..... | Colchester..... | 25 | ----- | ----- | ----- | 25 |
| 33 | Geo. Teel..... | Macomb..... | 25 | ----- | ----- | ----- | 25 |
| 34 | W. J. Haines..... | Industry..... | 22 | ----- | ----- | ----- | 22 |
| 35 | B. F. Murray..... | Colchester..... | 20 | ----- | ----- | ----- | 20 |
| 36 | Frank Nelson..... | Colchester..... | 20 | ----- | ----- | ----- | 20 |
| | 36 local mines total..... | ----- | 10,072 | ----- | ----- | ----- | 10,040 |

SCHUYLER COUNTY

| LOCAL MINES. | | | | | | |
|--------------|---------------------------------|-----------------|--------|-------|-------|--------|
| 1 | Big Four Coal Co..... | Rushville..... | 14,673 | ----- | ----- | 14,303 |
| 2 | A. H. McCormick & Sons..... | Rushville..... | 6,326 | ----- | ----- | 6,326 |
| 3 | Morrell & Beebe..... | Rushville..... | 4,816 | ----- | ----- | 4,816 |
| 4 | Wheelhouse & Son..... | Rushville..... | 4,320 | ----- | ----- | 4,320 |
| 5 | Littledog Coal Co..... | Rushville..... | 3,000 | ----- | ----- | 3,000 |
| 6 | Economy Coal Co..... | Rushville..... | 2,716 | ----- | ----- | 2,716 |
| 7 | Stroup & Son..... | Littleton..... | 2,005 | ----- | ----- | 2,005 |
| 8 | Chas. Hendricks..... | Frederick..... | 1,200 | ----- | ----- | 1,200 |
| 9 | Rebman & Gibson..... | Rushville..... | 1,200 | ----- | ----- | 1,200 |
| 10 | John Marine..... | Rushville..... | 1,000 | ----- | ----- | 1,000 |
| 11 | Square Deal Coal Co..... | Littleton..... | 700 | ----- | ----- | 700 |
| 12 | Archie Shanks..... | Littleton..... | 676 | ----- | ----- | 676 |
| 13 | C. A. Tomlinson..... | Rushville..... | 608 | ----- | ----- | 608 |
| 14 | Caldwells Mine..... | Industry..... | 600 | ----- | ----- | 600 |
| 15 | Clyde Sprinkle..... | Littleton..... | 600 | ----- | ----- | 600 |
| 16 | Clyde Vincent..... | Ray..... | 500 | ----- | ----- | 500 |
| 17 | W. B. Baxter..... | Birmingham..... | 425 | ----- | ----- | 425 |
| 18 | Delmar Addams..... | Littleton..... | 400 | ----- | ----- | 400 |
| 19 | John S. Miller..... | McComb..... | 375 | ----- | ----- | 375 |
| 20 | Chas. Butler..... | Astoria..... | 360 | ----- | ----- | 360 |
| 21 | Alonzo Clark..... | Birmingham..... | 300 | ----- | ----- | 300 |
| 22 | Warren Dennis..... | Birmingham..... | 300 | ----- | ----- | 300 |
| 23 | F. E. Mendeth, No. 1..... | Augusta..... | 275 | ----- | ----- | 275 |
| 24 | Fred Phillips..... | Rushville..... | 250 | ----- | ----- | 250 |
| 25 | Velt Cleavinger..... | Littleton..... | 240 | ----- | ----- | 230 |
| 26 | O. F. Addington..... | Industry..... | 240 | ----- | ----- | 235 |
| 27 | Frank F. Hendricks..... | Rushville..... | 200 | ----- | ----- | 200 |
| 28 | Kenneth Moore..... | Rushville..... | 200 | ----- | ----- | 200 |
| 29 | E. E. Rining..... | Frederick..... | 200 | ----- | ----- | 200 |
| 30 | F. E. Mendeth & Son, No. 2..... | Golden..... | 190 | ----- | ----- | 190 |
| 31 | Dick Stotler..... | Littleton..... | 190 | ----- | ----- | 190 |
| 32 | J. W. Stafford..... | Ray..... | 150 | ----- | ----- | 150 |
| 33 | Chas. Dupee..... | Rushville..... | 140 | ----- | ----- | 140 |

THIRD DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 24 | | 2 | 70 | | | | | | | | 175 | | | 16 |
| | | 100 | 100 | | | | | | | | 153 | | | 17 |
| | | 110 | 110 | | | | | | | | 150 | | | 18 |
| | | 120 | 120 | | | | | | | | 144 | | | 19 |
| | | 100 | 100 | | | | | | | | 136 | | | 20 |
| | | 100 | 100 | | | | | | | | 134 | | | 21 |
| | | 60 | 60 | | | | | | | | 100 | | | 22 |
| | | 80 | 80 | | | | | | | | 84 | | | 23 |
| | | 30 | 30 | | | | | | | | 58 | | | 24 |
| | | 75 | 75 | | | | | | | | 56 | | | 25 |
| | | 75 | 75 | | | | | | | | 50 | | | 26 |
| | | 50 | 50 | | | | | | | | 50 | | | 27 |
| | | 40 | 40 | | | | | | | | 50 | | | 28 |
| | | 20 | 20 | | | | | | | | 40 | | | 29 |
| | | 30 | 30 | | | | | | | | | 36 | | 30 |
| | | 50 | 50 | | | | | | | | 32 | | | 31 |
| | | 40 | 40 | | | | | | | | 25 | | | 32 |
| | | 35 | 35 | | | | | | | | 25 | | | 33 |
| | | 75 | 75 | | | | | | | | 25 | | | 34 |
| | | 25 | 25 | | | | | | | | 20 | | | 35 |
| | | 20 | 20 | | | | | | | | 20 | | | 36 |
| 32 | | 106 | 86 | | | | | | | | 7,503 | 2,569 | | |

THIRD DISTRICT.

| | | | | | | | | | | | | | | |
|-----|----|-----|-----|--|--|--|--|--|--|--|--------|-------|--|----|
| 370 | 16 | 290 | 918 | | | | | | | | 14,673 | | | 1 |
| | 7 | 300 | 325 | | | | | | | | 6,326 | | | 2 |
| | 11 | 210 | 516 | | | | | | | | 4,816 | | | 3 |
| | 10 | 200 | 420 | | | | | | | | 4,320 | | | 4 |
| | 11 | 175 | 150 | | | | | | | | 3,000 | | | 5 |
| | 11 | 100 | 29 | | | | | | | | | 2,716 | | 6 |
| | 15 | 120 | | | | | | | | | 2,005 | | | 7 |
| | 10 | 200 | | | | | | | | | | 1,200 | | 8 |
| | 9 | 150 | 90 | | | | | | | | 1,200 | | | 9 |
| | 3 | 250 | 50 | | | | | | | | 1,000 | | | 10 |
| | 5 | 100 | 40 | | | | | | | | 700 | | | 11 |
| | 5 | 190 | 21 | | | | | | | | 676 | | | 12 |
| | 6 | 60 | 30 | | | | | | | | 608 | | | 13 |
| | 8 | 100 | 30 | | | | | | | | 600 | | | 14 |
| | 3 | 150 | 60 | | | | | | | | 600 | | | 15 |
| | 5 | 200 | 30 | | | | | | | | 500 | | | 16 |
| | 3 | 150 | | | | | | | | | 425 | | | 17 |
| | 4 | 150 | | | | | | | | | 400 | | | 18 |
| | 5 | 100 | | | | | | | | | 375 | | | 19 |
| | 2 | 100 | | | | | | | | | | 360 | | 20 |
| | 5 | 60 | | | | | | | | | 300 | | | 21 |
| | 2 | 175 | | | | | | | | | 300 | | | 22 |
| | 3 | 200 | 5 | | | | | | | | 275 | | | 23 |
| | 4 | 60 | | | | | | | | | | 250 | | 24 |
| | 10 | 120 | | | | | | | | | 240 | | | 25 |
| 5 | 6 | 119 | 25 | | | | | | | | 200 | | | 26 |
| | 1 | 100 | 10 | | | | | | | | 200 | | | 27 |
| | 4 | 100 | 15 | | | | | | | | 200 | | | 28 |
| | 2 | 60 | 20 | | | | | | | | 190 | | | 29 |
| | 4 | 60 | | | | | | | | | 190 | | | 30 |
| | 2 | 115 | | | | | | | | | 190 | | | 31 |
| | 2 | 90 | 10 | | | | | | | | 150 | | | 32 |
| | 1 | 100 | 7 | | | | | | | | 140 | | | 33 |

SCHUYLER COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|----------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 34 | Roderick Carr & Son..... | Frederick..... | 123 | ----- | ----- | ----- | 123 |
| 35 | Joshua Knows..... | Rushville..... | 123 | ----- | ----- | ----- | 123 |
| 36 | Dan Auten..... | Macomb..... | 100 | ----- | ----- | ----- | 100 |
| 37 | A. W. Overhake..... | Golden..... | 100 | ----- | ----- | ----- | 100 |
| 38 | Chas. F. Pershing..... | Littleton..... | 100 | ----- | ----- | ----- | 100 |
| 39 | Harry Stroop..... | Browning..... | 100 | ----- | ----- | ----- | 100 |
| 40 | Clifford Spillers..... | Rushville..... | 98 | ----- | ----- | ----- | 98 |
| 41 | Ivan Derry..... | Birmingham..... | 91 | ----- | ----- | ----- | 91 |
| 42 | Russell Richey..... | Rushville..... | 85 | ----- | ----- | ----- | 85 |
| 43 | Louis Lambert..... | Golden..... | 70 | ----- | ----- | ----- | 70 |
| 44 | Homer Skiles..... | Ray..... | 70 | ----- | ----- | ----- | 70 |
| 45 | Russel Lowderbach..... | Huntsville..... | 60 | ----- | ----- | ----- | 60 |
| 46 | Elmer Trone..... | Browning..... | 55 | ----- | ----- | ----- | 55 |
| 47 | Dewey Frisbee Coal Co..... | Industry..... | 50 | ----- | ----- | ----- | 50 |
| 48 | Earl Kuhn & Chockley..... | Camden..... | 40 | ----- | ----- | ----- | 40 |
| 49 | Monroe Pershing..... | Birmingham..... | 40 | ----- | ----- | ----- | 40 |
| 50 | Wes Cagle..... | Rushville..... | 35 | ----- | ----- | ----- | 35 |
| 51 | Raymond Jett..... | Rushville..... | 25 | ----- | ----- | ----- | 25 |
| 52 | Joe Purdy..... | Rushville..... | 25 | ----- | ----- | ----- | 25 |
| 53 | Sugar Grove Coal Co..... | Astoria..... | 25 | ----- | ----- | ----- | 25 |
| 54 | H. H. Hughes..... | Rushville..... | 20 | ----- | ----- | ----- | 20 |
| 55 | John Jones..... | Ray..... | 20 | ----- | ----- | ----- | 20 |
| 56 | Walter Reeder..... | Rushville..... | 20 | ----- | ----- | ----- | 20 |
| 57 | Ray Pitman..... | Golden..... | 18 | ----- | ----- | ----- | 18 |
| 58 | Bowman & McCullough..... | Littleton..... | 15 | ----- | ----- | ----- | 14 |
| 59 | Phillips Bros..... | Ray..... | 9 | ----- | ----- | ----- | 9 |
| 60 | W. J. Ketchum..... | Golden..... | 5 | ----- | ----- | ----- | 5 |
| 60 local mines total..... | | | 50,897 | ----- | ----- | ----- | 50,511 |

WARREN COUNTY

| LOCAL MINES. | | | | | | |
|---------------------------|---------------------------------|--------------------|-------|-------|-------|-------|
| 1 | George Baker..... | Alexis..... | 4,067 | ----- | ----- | 3,867 |
| 2 | D. L. Howard..... | Alexis..... | 1,566 | ----- | ----- | 1,566 |
| 3 | Bailey, Sharp & Lytle..... | Alexis..... | 888 | ----- | ----- | 888 |
| 4 | Earl J. Bailey..... | Gerlaw..... | 485 | ----- | ----- | 477 |
| 5 | A. E. Manuel & Son..... | Roseville..... | 341 | ----- | ----- | 336 |
| 6 | G. W. Howard..... | St. Augustine..... | 318 | ----- | ----- | 318 |
| 7 | Clayton Bros..... | Avon..... | 250 | ----- | ----- | 250 |
| 8 | S. W. Wallingford..... | Roseville..... | 240 | ----- | ----- | 240 |
| 9 | Guy Clayton..... | Avon..... | 212 | ----- | ----- | 212 |
| 10 | Lon Bryner..... | Roseville..... | 180 | ----- | ----- | 180 |
| 11 | John, Roy & Clinton Taylor..... | Monmouth..... | 80 | ----- | ----- | 78 |
| 12 | Romine Bros..... | Monmouth..... | 50 | ----- | ----- | 50 |
| 12 local mines total..... | | | 8,677 | ----- | ----- | 8,462 |

THIRD DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| ----- | ----- | 2 | 75 | 9 | ----- | ----- | ----- | ----- | ----- | ----- | 123 | ----- | ----- | 34 |
| ----- | ----- | 1 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 123 | ----- | ----- | 35 |
| ----- | ----- | 2 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | ----- | 36 |
| ----- | ----- | 3 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | ----- | 37 |
| ----- | ----- | 3 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | ----- | 38 |
| ----- | ----- | 3 | 140 | 8 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 38 |
| ----- | ----- | 2 | 75 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | 39 |
| ----- | ----- | 1 | 70 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | 98 | ----- | ----- | 40 |
| ----- | ----- | 2 | 41 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 91 | ----- | ----- | 41 |
| ----- | ----- | 2 | 60 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | 85 | ----- | ----- | 42 |
| ----- | ----- | 1 | 95 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 70 | ----- | ----- | 43 |
| ----- | ----- | 1 | 48 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 70 | ----- | ----- | 44 |
| ----- | ----- | 2 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 60 | ----- | 45 |
| ----- | ----- | 2 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 55 | ----- | ----- | 46 |
| ----- | ----- | 2 | 50 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 50 | ----- | 47 |
| ----- | ----- | 2 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 40 | ----- | ----- | 48 |
| ----- | ----- | 1 | 35 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 40 | ----- | 49 |
| ----- | ----- | 2 | 60 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 35 | ----- | ----- | 50 |
| ----- | ----- | 1 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 25 | ----- | ----- | 51 |
| ----- | ----- | 2 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 25 | ----- | 52 |
| ----- | ----- | 5 | 5 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 25 | ----- | ----- | 53 |
| ----- | ----- | 2 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20 | ----- | 54 |
| ----- | ----- | 1 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20 | ----- | ----- | 55 |
| ----- | ----- | 3 | 100 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 20 | ----- | ----- | 56 |
| ----- | ----- | 1 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 18 | ----- | ----- | 57 |
| 1 | ----- | 2 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15 | ----- | ----- | 58 |
| ----- | ----- | 2 | 10 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 9 | ----- | ----- | 59 |
| ----- | ----- | 1 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 5 | ----- | ----- | 60 |
| 386 | ----- | 242 | 102 | 3,038 | ----- | ----- | ----- | ----- | ----- | ----- | 46,076 | 4,821 | ----- | ----- |

THIRD DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 200 | ----- | 12 | 175 | 400 | ----- | ----- | ----- | ----- | ----- | ----- | 4,067 | ----- | ----- | 1 |
| ----- | ----- | 7 | 104 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | 1,566 | ----- | ----- | 2 |
| ----- | ----- | 5 | 160 | 90 | ----- | ----- | ----- | ----- | ----- | ----- | 888 | ----- | ----- | 3 |
| 8 | ----- | 2 | 225 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 485 | ----- | ----- | 4 |
| 5 | ----- | 4 | 108 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 341 | ----- | ----- | 5 |
| ----- | ----- | 5 | 225 | 150 | ----- | ----- | ----- | ----- | ----- | ----- | 318 | ----- | ----- | 6 |
| ----- | ----- | 2 | 136 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 250 | ----- | ----- | 7 |
| ----- | ----- | 3 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 240 | ----- | ----- | 8 |
| ----- | ----- | 1 | 160 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 212 | ----- | ----- | 9 |
| ----- | ----- | 3 | 90 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 180 | ----- | ----- | 10 |
| 2 | ----- | 3 | 90 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 80 | ----- | ----- | 11 |
| ----- | ----- | 2 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 50 | ----- | ----- | 12 |
| 215 | ----- | 49 | 134 | 740 | ----- | ----- | ----- | ----- | ----- | ----- | 8,677 | ----- | ----- | ----- |

THIRD DISTRICT, SHIPPING MINES

| Counties. | Num-ber of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|-------------|-------------------|-------------------|--------------------------------|------------------------------|----------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for ship-ment. | Sold to railroad com-panies. | Sup-plied to loco-motives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Fulton..... | 14 | 1,526,408 | 1,140,663 | 316,214 | ----- | 46,039 | 8,701 | 14,791 |
| Knox..... | 1 | 311,751 | 22,510 | 213,520 | ----- | 72,415 | 816 | 2,490 |
| Total..... | 15 | 1,838,159 | 1,163,173 | 529,734 | ----- | 118,454 | 9,517 | 17,281 |

LOCAL MINES

| | | | | | | | | |
|----------------|-----|---------|-------|-------|-------|---------|-------|-------|
| Adams..... | 1 | 64 | ----- | ----- | ----- | 61 | 3 | ----- |
| Brown..... | 34 | 3,052 | ----- | ----- | ----- | 2,946 | 106 | ----- |
| Fulton..... | 135 | 166,841 | ----- | ----- | ----- | 161,750 | 5,091 | ----- |
| Hancock..... | 6 | 2,748 | ----- | ----- | ----- | 2,742 | 6 | ----- |
| Knox..... | 51 | 75,811 | ----- | ----- | ----- | 73,539 | 2,272 | ----- |
| McDonough..... | 36 | 10,072 | ----- | ----- | ----- | 10,040 | 32 | ----- |
| Schuyler..... | 60 | 50,897 | ----- | ----- | ----- | 50,511 | 386 | ----- |
| Warren..... | 12 | 8,677 | ----- | ----- | ----- | 8,462 | 215 | ----- |
| Total..... | 335 | 318,162 | ----- | ----- | ----- | 310,051 | 8,111 | ----- |

ALL MINES

| | | | | | | | | |
|----------------|-----|-----------|-----------|---------|-------|---------|--------|--------|
| Adams..... | 1 | 64 | ----- | ----- | ----- | 61 | 3 | ----- |
| Brown..... | 34 | 3,052 | ----- | ----- | ----- | 2,946 | 106 | ----- |
| Fulton..... | 149 | 1,693,249 | 1,140,663 | 316,214 | ----- | 207,789 | 13,792 | 14,791 |
| Hancock..... | 6 | 2,748 | ----- | ----- | ----- | 2,742 | 6 | ----- |
| Knox..... | 52 | 387,562 | 22,510 | 213,520 | ----- | 145,954 | 3,088 | 2,490 |
| McDonough..... | 36 | 10,072 | ----- | ----- | ----- | 10,040 | 32 | ----- |
| Schuyler..... | 60 | 50,897 | ----- | ----- | ----- | 50,511 | 386 | ----- |
| Warren..... | 12 | 8,677 | ----- | ----- | ----- | 8,462 | 215 | ----- |
| Total..... | 350 | 2,156,321 | 1,163,173 | 529,734 | ----- | 428,505 | 17,628 | 17,281 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|---------------------|---------------------------------|--------------------------|----------------|--------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissible—pounds. | | | Machine. | Hand. | Stripping. | |
| 1,183 | 172 | 5,624 | 108,317 | 2,085 | 25,950 | 33 | 14 | 316,232 | 65,473 | 1,144,703 | 78 |
| 295 | 225 | 4,554 | ----- | ----- | ----- | 12 | 5 | 302,807 | 8,944 | ----- | 35 |
| 1,478 | 175 | 10,178 | 108,317 | 2,085 | 25,950 | 45 | 19 | 619,039 | 74,417 | 1,144,703 | 113 |

THIRD DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|--------|-------|-------|-------|-------|--------|---------|--------|-------|
| 2 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 64 | ----- |
| 68 | 64 | 40 | ----- | ----- | ----- | ----- | ----- | 2,011 | 1,041 | ----- | ----- |
| 598 | 121 | 8,560 | 13,050 | ----- | ----- | 6 | ----- | 25,217 | 135,853 | 5,771 | ----- |
| 36 | 124 | 95 | ----- | ----- | ----- | ----- | ----- | 1,906 | 842 | ----- | ----- |
| 259 | 105 | 1,927 | ----- | ----- | ----- | 1 | ----- | 48,758 | 26,235 | 818 | ----- |
| 106 | 86 | ----- | ----- | ----- | ----- | ----- | ----- | 7,503 | 2,569 | ----- | ----- |
| 242 | 102 | 3,038 | ----- | ----- | ----- | ----- | ----- | 46,076 | 4,821 | ----- | ----- |
| 49 | 134 | 740 | ----- | ----- | ----- | ----- | ----- | 8,677 | ----- | ----- | ----- |
| 1,360 | 106 | 14,400 | 13,050 | ----- | ----- | 7 | ----- | 73,975 | 228,261 | 15,926 | ----- |

THIRD DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|---------|-------|--------|-------|-------|---------|---------|-----------|-------|
| 2 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 64 | ----- |
| 68 | 64 | 40 | ----- | ----- | ----- | ----- | ----- | 2,011 | 1,041 | ----- | ----- |
| 1,781 | 126 | 14,184 | 121,367 | 2,085 | 25,950 | 39 | 14 | 341,449 | 201,326 | 1,150,474 | 78 |
| 36 | 124 | 95 | ----- | ----- | ----- | ----- | ----- | 1,906 | 842 | ----- | ----- |
| 554 | 107 | 6,481 | ----- | ----- | ----- | 13 | 5 | 351,565 | 35,179 | 818 | 35 |
| 106 | 86 | ----- | ----- | ----- | ----- | ----- | ----- | 7,503 | 2,569 | ----- | ----- |
| 242 | 102 | 3,038 | ----- | ----- | ----- | ----- | ----- | 46,076 | 4,821 | ----- | ----- |
| 49 | 134 | 740 | ----- | ----- | ----- | ----- | ----- | 8,677 | ----- | ----- | ----- |
| 2,838 | 109 | 24,578 | 121,367 | 2,085 | 25,950 | 52 | 19 | 693,014 | 302,678 | 1,160,629 | 113 |

FOURTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fourth Inspection District, comprising the coal producing counties of Cass, Christian, Menard, Morgan, Sangamon and Scott, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 6 | 6 | 8 | 7 | 5 |
| Number of shipping mines..... | 16 | 17 | 18 | 19 | 21 |
| Number of local mines..... | 39 | 31 | 33 | 30 | 26 |
| Number of employees underground..... | 5,308 | 5,360 | 6,560 | 7,219 | 7,931 |
| Number of employees on surface..... | 995 | 1,046 | 851 | 899 | 841 |
| Total number employed..... | 6,303 | 6,406 | 7,411 | 8,118 | 8,772 |
| Tons of coal produced in shipping mines..... | 6,056,629 | 5,806,662 | 3,597,269 | 6,313,977 | 7,213,022 |
| Tons of coal produced in local mines..... | 266,815 | 227,121 | 269,948 | 233,151 | 224,654 |
| Tons of coal produced, total..... | 6,323,444 | 6,033,783 | 3,867,217 | 6,547,128 | 7,437,676 |
| Days operated, shipping mines, average..... | 160 | 157 | 91 | 138 | 137 |
| Days operated, local mines, average..... | 153 | 135 | 161 | 163 | 168 |
| Number of undercutting machines..... | 80 | 69 | 122 | 121 | 150 |
| Tons undercut..... | 4,671,424 | 4,527,140 | 2,337,375 | 4,123,866 | 4,547,013 |
| Tons mined by hand..... | 1,652,020 | 1,506,643 | 1,527,682 | 2,423,262 | 2,890,663 |
| Tons mined in strip mines..... | | | 2,160 | | |
| Number of loading machines used..... | 255 | 219 | 209 | 212 | 208 |
| Tons loaded mechanically..... | 4,349,790 | 4,305,099 | 1,930,215 | 3,191,268 | 3,155,794 |
| Number of fatal accidents..... | 12 | 12 | 9 | 8 | 15 |
| Number of non-fatal accidents..... | 505 | 505 | 358 | 664 | 953 |
| Number of employees to each fatality..... | 525 | 534 | 823 | 1,015 | 583 |
| Number employed to each non-fatal accident..... | 12.5 | 12.7 | 20.7 | 122.3 | 9 |
| Tons of coal to each fatality..... | 526,954 | 502,815 | 429,666 | 818,391 | 495,845 |
| Tons mined to each non-fatal accident..... | 12,522 | 11,948 | 10,802 | 9,860 | 7,804 |
| Number of fatalities per 1,000 employed..... | 1.9 | 1.9 | 12.1 | 1.0 | 1.7 |
| Number injured per 1,000 employed..... | 80.1 | 78.8 | 48.3 | 81.8 | 108.6 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 20 | 29 | 7,815,219 | 203,072 | 8,118 | 405 | 167 | 147 | 14 | 1023 | 572,735 |
| 1930..... | 21 | 26 | 7,213,022 | 224,654 | 8,349 | 423 | 137 | 168 | 15 | 953 | 495,845 |
| 1931..... | 19 | 30 | 6,313,977 | 233,151 | 7,666 | 452 | 138 | 163 | 8 | 664 | 818,391 |
| 1932..... | 18 | 33 | 3,597,269 | 269,948 | 6,895 | 516 | 91 | 161 | 9 | 358 | 429,666 |
| 1933..... | 17 | 31 | 5,806,662 | 227,121 | 5,864 | 542 | 157 | 135 | 12 | 505 | 502,815 |
| Average for 5 years..... | 19 | 30 | 6,149,230 | 231,589 | 7,378 | 468 | 137 | 154 | 12 | 701 | 550,071 |
| 1934..... | 16 | 39 | 6,056,629 | 266,815 | 5,730 | 573 | 160 | 153 | 12 | 505 | 526,954 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | —3 | +9 | —93,601 | +35,226 | —1,648 | +105 | +23 | —1 | — | —196 | —23,117 |

IDLE MINES.

Brewerton Coal Co., No. 92, at Lincoln in Logan County.

Chicago, Wilmington and Franklin Coal Co., No. 1, at Thayer in Sangamon County.

Madison Coal Corp., No. 6, at Divernon in Sangamon County.

Pana Coal Co., No. 2, at Pana in Christian County.

Panther Creek Mines Inc., No. 1, at Auburn in Sangamon County.

Panther Creek Mines Inc., No. 3, at Springfield in Sangamon County.

Peabody Coal Co., No. 6, at Sherman in Sangamon County.

Peabody Coal Co., No. 21, at Stonington in Christian County.

Peabody Coal Co., No. 52, at Riverton in Sangamon County.

Peabody Coal Co., No. 54, at Auburn in Sangamon County.

Peabody Coal Co., No. 55, at Springfield in Sangamon County.

FATAL ACCIDENTS.

January 6, J. M. Wilson, motorman, age 29 years, married, was killed in Peabody Coal Company's No. 9 mine, by a fall of rock. He leaves a widow and one child.

January 18, Alexander B. Miller, mine manager, age 49 years, single, was killed by pit cars, in Happy Hollow Coal Company's mine.

February 19, John Wolf, shot-firer, age 60 years, single, was killed by a shot explosion in Peabody Coal Company's No. 53 mine.

February 26, Barton Wines, trackman, age 46 years, single, was killed by falling slate in Peabody Coal Company's No. 7 mine.

March 6, Hugh Gibson, driver, age 39 years, married, was killed by pit cars, in Panther Creek Coal Company's No. 4 mine. He leaves a widow and two children.

March 22, Elmar Cowan, machine man, age 47 years, married, was killed by a fall of clod in Peabody Coal Company's No. 8 mine. He leaves a widow and two children.

July 12, Peter W. Smith, electrician, age 39 years, married, was killed by a pit car in Peabody Coal Company's No. 7 mine. He leaves a widow and one child.

September 13, Albert Doolin, company man, age 32 years, married, died from a fractured skull received the day before in the Peabody Coal Company's mine No. 8. He was knocked off a motor by a timber they were hauling on the motor and struck his head against the rib and then the timber also struck his head. He leaves a widow and two dependent children.

October 2, Charles Rodden, driller, age 52 years, married, died as a result of injuries received when he went to investigate a delayed explosion on September 29 in Mine No. 9 of the Peabody Coal Co. He leaves a widow and four dependent children.

October 14, Woodrow Wilson Jackson, engineer, age 22 years, single, died of a broken neck received on October 10 when he left his engine to investigate the faulty working of a self-dumping coal delivery truck at the mine of the Lincoln Trail Coal Co.

October 16, Roy Spoon, miner, age 40 years, married, died as a result of a fall of slate at Mine No. 4 of Panther Creek Mines, Inc. He leaves a widow.

November 1, Rudolph Fromm, timberman, age 60 years, married, died as a result of a fall of slate at Mine No. 57 of the Peabody Coal Co. He leaves a widow.

Respectfully submitted,

HARRY ROBERTS, *Inspector.*

FATAL ACCIDENTS, FOURTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|------------------------|------|--------------|-----------------|---------------------------|---------------------------|----------|---------|--------|-----------|-------------|-------------------------------|
| Jan. 6 Jan. | 6 Jan. | J. M. Wilson | 29 | Motorman | Taylorville | Peabody Coal Co. | 9 | 1 | 1 | 1 | 1 | 2 | Fall of rock. |
| Jan. 18 Jan. | 18 Jan. | Alexander B. Miller | 49 | Mine manager | Pleasant Plains | Happy Hollow Coal Co. | --- | --- | --- | --- | --- | --- | Pit cars. |
| Feb. 19 Feb. | 19 Feb. | John Wolf | 60 | Shot firer | Springfield | Peabody Coal Co. | 53 | --- | 1 | --- | --- | --- | Shot explosion. |
| Feb. 26 Feb. | 26 Feb. | Barton Wines | 46 | Trackman | Taylorville | Peabody Coal Co. | 7 | --- | --- | --- | --- | --- | Fall of slate. |
| Mar. 6 Mar. | 6 Mar. | Hugh Gibson | 39 | Driver | Riverton | Panther Creek Mines | 4 | 1 | 1 | 1 | 2 | 3 | Pit cars. |
| Mar. 22 Mar. | 22 Mar. | Elmer Cowan | 47 | Machine man | Taylorville | Peabody Coal Co. | 8 | 1 | 1 | 1 | 1 | 2 | Fall of clod. |
| July 12 July | 12 July | Peter W. Smith | 39 | Electrician | Taylorville | Peabody Coal Co. | 7 | 1 | 1 | 1 | 1 | 2 | Pit car. |
| Sept. 12 Sept. | 12 Sept. | Albert Doodin | 32 | Company man | Taylorville | Peabody Coal Co. | 8 | 1 | 1 | 1 | 1 | 2 | Struck by timber on motor. |
| Sept. 29 Oct. | 29 Oct. | Charles Rodden | 52 | Driller | Taylorville | Peabody Coal Co. | 9 | 1 | 1 | 1 | 1 | 4 | Shot explosion. |
| Oct. 10 Oct. | 10 Oct. | Woodrow Wilson Jackson | 22 | Engineer | Salisbury | Lincoln Trail Coal Co. | --- | --- | --- | --- | --- | --- | Bed of dump truck struck him. |
| Oct. 16 Oct. | 16 Oct. | Roy Spoon | 40 | Miner | Spaulding | Panther Creek Mines | 4 | 1 | 1 | 1 | 1 | 1 | Fall of slate. |
| Nov. 1 Nov. | 1 Nov. | Rudolph Fromm | 60 | Timberman | Springfield | Peabody Coal Co. | 57 | 1 | 1 | 1 | 1 | --- | Fall of slate. |

NON-FATAL ACCIDENTS, FOURTH DISTRICT.

| Name of operator. | Number injured. | Number not re- turned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | | Loss of 30 or more days. | | | Month in which accident occurred. | |
|-----------------------------------|-----------------|---------------------------|-------------------------------|----------|-------------------------------------|------------|----------|--------------------------|--------|----------|--------------------------------------|-----|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | Total. | Average. | | |
| | | | | | | Total. | Average. | | | | | |
| Central Illinois Coal Mining Co. | 25 | --- | 674 | 27 | 16 | 202 | 13 | 9 | 472 | 52 | January | 60 |
| Jefferson Coal Mining Co., No. 81 | 10 | --- | 210 | 21 | 8 | 137 | 17 | 2 | 73 | 37 | February | 66 |
| Mine - B Coal Co. | 26 | 1 | 783 | 31 | 15 | 298 | 20 | 10 | 485 | 49 | March | 69 |
| Pana Coal Co., No. 1 | 37 | 5 | 1,220 | 38 | 13 | 180 | 14 | 19 | 434 | 55 | April | 33 |
| Panther Creek Mines, No. 4 | 20 | 1 | 354 | 19 | 15 | 209 | 14 | 4 | 145 | 36 | May | 27 |
| Panther Creek Mines, No. 5 | 20 | 4 | 519 | 32 | 8 | 143 | 18 | 8 | 376 | 47 | June | 30 |
| Peabody Coal Co., No. 7 | 47 | 6 | 1,572 | 38 | 19 | 278 | 15 | 22 | 1,294 | 59 | July | 18 |
| Peabody Coal Co., No. 8 | 49 | 9 | 1,315 | 33 | 24 | 354 | 15 | 16 | 961 | 60 | August | 32 |
| Peabody Coal Co., No. 9 | 60 | 6 | 1,803 | 32 | 29 | 411 | 14 | 25 | 1,392 | 56 | September | 39 |
| Peabody Coal Co., No. 10 | 17 | 2 | 590 | 39 | 5 | 86 | 17 | 10 | 504 | 50 | October | 48 |
| Peabody Coal Co., No. 51 | 17 | 3 | 525 | 38 | 5 | 110 | 22 | 9 | 415 | 46 | November | 44 |
| Peabody Coal Co., No. 53 | 17 | 2 | 525 | 38 | 5 | 110 | 22 | 9 | 415 | 46 | December | 39 |
| Peabody Coal Co., No. 57 | 25 | 7 | 981 | 55 | 6 | 99 | 12 | 12 | 882 | 74 | | |
| Peabody Coal Co., No. 58 | 45 | 9 | 779 | 22 | 26 | 308 | 12 | 10 | 471 | 47 | | |
| Peabody Coal Co., No. 59 | 31 | 5 | 925 | 36 | 14 | 242 | 17 | 12 | 683 | 57 | | |
| Penwell Coal Mining Co. | 21 | 3 | 495 | 28 | 11 | 120 | 11 | 7 | 373 | 54 | | |
| Saugamon Coal Co., No. 2 | 30 | 5 | 694 | 28 | 17 | 239 | 14 | 8 | 455 | 57 | | |
| Shipping mines. | 480 | 66 | 13,439 | 32 | 231 | 3,416 | 15 | 183 | 10,023 | 55 | | |
| Local mines. | 25 | 5 | 476 | 24 | 13 | 197 | 15 | 7 | 279 | 40 | | |
| Total | 505 | 71 | 13,915 | 32 | 244 | 3,613 | 15 | 190 | 10,302 | 54 | Total | 505 |

CASS COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------|--------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| | LOCAL MINES. | | | | | | |
| 1 | Smith & Estille..... | Ashland..... | 1,000 | ----- | ----- | ----- | 1,000 |
| 2 | J. H. Miller & Co..... | Chandlerville..... | 629 | ----- | ----- | ----- | 629 |
| 3 | Santa Cardoni..... | Beardstown..... | 80 | ----- | ----- | ----- | 61 |
| 4 | Leonard Coal Co..... | Beardstown..... | 49 | ----- | ----- | ----- | 49 |
| | 4 local mines total..... | | 1,758 | ----- | ----- | ----- | 1,739 |

CHRISTIAN COUNTY

| | | | | | | | |
|-----------------------------|-------------------------------|------------------|-----------|-----------|---------|--------|---------|
| SHIPPING MINES. | | | | | | | |
| 1 | Peabody Coal Co., No. 9..... | Taylorville..... | 1,016,754 | 908,928 | 106,806 | ----- | 88 |
| 2 | Peabody Coal Co., No. 7..... | Kincaid..... | 986,122 | 939,126 | 42,347 | ----- | 3,786 |
| 3 | Peabody Coal Co., No. 8..... | Tovey..... | 864,806 | 857,316 | 6,814 | ----- | ----- |
| 4 | Peabody Coal Co., No. 58..... | Taylorville..... | 787,503 | 542,709 | 193,468 | ----- | 44,157 |
| 5 | Pana Coal Co..... | Pana..... | 127,182 | 53,600 | 6,383 | 17,423 | 39,719 |
| 6 | Penwell Coal Mining Co..... | Pana..... | 78,339 | 45,065 | 5,216 | ----- | 23,151 |
| 6 shipping mines total..... | | | 3,860,706 | 3,346,744 | 361,034 | 17,423 | 110,901 |
| LOCAL MINE. | | | | | | | |
| 1 | Greenwood Coal Mining Co..... | Edinburg..... | 6,000 | ----- | ----- | ----- | 5,000 |
| 7 all mines total..... | | | 3,866,706 | 3,346,744 | 361,034 | 17,423 | 115,901 |

MENARD COUNTY

| | | | | | | | |
|---------------------------|------------------------------|-----------------|---------|-------|-------|-------|---------|
| LOCAL MINES. | | | | | | | |
| 1 | Greenview Mining Co..... | Greenview..... | 43,640 | ----- | ----- | ----- | 43,000 |
| 2 | Johnson Valley Coal Co..... | Middletown..... | 24,720 | ----- | ----- | ----- | 23,220 |
| 3 | Harry A. Perkins..... | Athens..... | 8,623 | ----- | ----- | ----- | 8,623 |
| 4 | Indian Creek Coal Co..... | Petersburg..... | 8,450 | ----- | ----- | ----- | 8,070 |
| 5 | Chas. Whitehurst..... | Tallula..... | 5,220 | ----- | ----- | ----- | 4,920 |
| 6 | John W. Mallerygren..... | Petersburg..... | 4,160 | ----- | ----- | ----- | 3,660 |
| 7 | Klingbeil Bros. Coal Co..... | Petersburg..... | 3,796 | ----- | ----- | ----- | 3,786 |
| 8 | Fred W. Otken..... | Tallula..... | 2,600 | ----- | ----- | ----- | 2,400 |
| 9 | Old Salem Coal Co..... | Petersburg..... | 2,456 | ----- | ----- | ----- | 2,131 |
| 10 | Lincoln Coal Co..... | Petersburg..... | 1,500 | ----- | ----- | ----- | 1,400 |
| 11 | Tebruge Bros..... | Petersburg..... | 777 | ----- | ----- | ----- | 702 |
| 11 local mines total..... | | | 105,972 | ----- | ----- | ----- | 101,912 |

MORGAN COUNTY

| | | | | | | | |
|-------------|-----------------------|------------------|-----|-------|-------|-------|-----|
| LOCAL MINE. | | | | | | | |
| 1 | Wagstaff & Smith..... | Murrayville..... | 765 | ----- | ----- | ----- | 765 |

FOURTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| ----- | ----- | 6 | 90 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | 1,000 | ----- | ----- | 1 |
| ----- | ----- | 3 | 122 | 80 | ----- | ----- | ----- | ----- | ----- | ----- | 629 | ----- | ----- | 2 |
| 19 | ----- | 2 | 100 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | 80 | ----- | ----- | 3 |
| ----- | ----- | 4 | 30 | 8 | ----- | ----- | ----- | ----- | ----- | ----- | 49 | ----- | ----- | 4 |
| 19 | ----- | 15 | 86 | 208 | ----- | ----- | ----- | ----- | ----- | ----- | 1,758 | ----- | ----- | |

FOURTH DISTRICT.

| | | | | | | | | | | | | | | |
|--------|-------|-------|-----|-------|-----------|-------|---------|-------|-------|-----------|---------|-------|-------|---|
| 932 | ----- | 507 | 221 | ----- | 381,300 | ----- | 6,000 | 10 | 28 | 1,016,754 | ----- | ----- | 2 | 1 |
| 863 | ----- | 527 | 222 | ----- | 421,550 | 850 | ----- | 6 | 31 | 986,122 | ----- | ----- | 3 | 2 |
| 676 | ----- | 535 | 221 | 3,001 | 297,450 | ----- | ----- | 22 | 21 | 864,806 | ----- | ----- | ----- | 3 |
| 7,169 | ----- | 383 | 246 | ----- | 234,700 | ----- | ----- | 4 | 22 | 787,503 | ----- | ----- | ----- | 4 |
| 9,274 | 783 | 192 | 179 | ----- | 23,725 | ----- | 17,500 | ----- | 2 | ----- | 127,182 | ----- | 7 | 5 |
| 3,700 | 1,207 | 301 | 44 | ----- | 13,750 | ----- | 6,000 | 1 | 1 | 6,497 | 71,842 | ----- | 10 | 6 |
| 22,614 | 1,990 | 2,445 | 189 | 3,001 | 1,372,475 | 850 | 29,500 | 43 | 105 | 3,661,682 | 199,024 | ----- | 22 | |
| 1,000 | ----- | 15 | 150 | 800 | ----- | ----- | ----- | ----- | ----- | ----- | 6,000 | ----- | ----- | 1 |
| 23,614 | 1,990 | 2,460 | 183 | 3,801 | 950,925 | 850 | 451,050 | 43 | 105 | 3,661,682 | 205,024 | ----- | 22 | |

FOURTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|----|
| 640 | ----- | 46 | 183 | 1,635 | ----- | ----- | ----- | 1 | ----- | 43,640 | ----- | ----- | ----- | 1 |
| 1,500 | ----- | 28 | 350 | ----- | ----- | ----- | ----- | 2 | ----- | 24,720 | ----- | ----- | ----- | 2 |
| ----- | ----- | 12 | 200 | 588 | ----- | ----- | ----- | 1 | ----- | 3,000 | 5,623 | ----- | ----- | 3 |
| 410 | ----- | 12 | 180 | 390 | ----- | ----- | ----- | 1 | ----- | 8,480 | ----- | ----- | ----- | 4 |
| 300 | ----- | 12 | 211 | 399 | ----- | ----- | ----- | ----- | ----- | ----- | 5,220 | ----- | ----- | 5 |
| 500 | ----- | 13 | 160 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 4,160 | ----- | ----- | 6 |
| 10 | ----- | 11 | 126 | 234 | ----- | ----- | ----- | 1 | ----- | 3,796 | ----- | ----- | ----- | 7 |
| 200 | ----- | 10 | 175 | 180 | ----- | ----- | ----- | ----- | ----- | ----- | 2,600 | ----- | ----- | 8 |
| 325 | ----- | 10 | 186 | 160 | ----- | ----- | ----- | ----- | ----- | ----- | 2,456 | ----- | ----- | 9 |
| 100 | ----- | 11 | 60 | 250 | ----- | ----- | ----- | ----- | ----- | ----- | 1,500 | ----- | ----- | 10 |
| 75 | ----- | 4 | 110 | 50 | ----- | ----- | ----- | ----- | ----- | ----- | 777 | ----- | ----- | 11 |
| 4,060 | ----- | 169 | 176 | 3,886 | ----- | ----- | ----- | 6 | ----- | 83,636 | 22,336 | ----- | ----- | |

FOURTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|---|-----|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|--|
| ----- | ----- | 6 | 135 | ----- | ----- | ----- | ----- | ----- | ----- | 765 | ----- | ----- | ----- | |
|-------|-------|---|-----|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|--|

SANGAMON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|-------------------------|---------------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| SHIPPING MINES. | | | | | | | |
| 1 | Central Illinois Coal Mining Co., "A" | Springfield | 335,869 | 136,384 | 173,715 | | 24,090 |
| 2 | Peabody Coal Co., No. 59 | Springfield | 308,010 | 250,821 | 43,684 | 853 | 3,315 |
| 3 | Peabody Coal Co., No. 57 | Springfield | 302,357 | 201,873 | 52,829 | | 37,999 |
| 4 | The Mine B Coal Co., "B" | Springfield | 281,873 | 129,832 | 109,259 | | 39,737 |
| 5 | Panther Creek Mines, Inc., No. 4 | Springfield | 260,979 | 142,830 | 90,538 | | 24,519 |
| 6 | Peabody Coal Co., No. 53 | Springfield | 238,242 | 128,316 | 76,572 | | 27,656 |
| 7 | Sangamon Coal Co., No. 2 | Springfield | 193,931 | 95,152 | 54,890 | | 41,489 |
| 8 | Panther Creek Mines, Inc., No. 5 | Springfield | 134,107 | 62,615 | 47,104 | | 22,538 |
| 9 | Jefferson Coal Mining Co., No. 81 | Springfield | 90,118 | 48,620 | 9,460 | | 28,259 |
| 10 | Peabody Coal Co., No. 51 | Springfield | 50,437 | 48,992 | | | 351 |
| 10 shipping mines total | | | 2,195,923 | 1,245,435 | 658,051 | 853 | 249,953 |
| LOCAL MINES. | | | | | | | |
| 1 | Panther Creek Mines, Inc., No. 2 | Springfield | 67,994 | | | | 67,869 |
| 2 | Number Twelve Coal Co. | Springfield | 30,838 | | | | 30,545 |
| 3 | Howard Coal Co. | Athens | 11,843 | | | | 11,646 |
| 4 | Barr Coal Co. | Athens | 8,100 | | | | 8,100 |
| 5 | Happy Hollow Coal Co. | Pleasant Plains | 5,709 | | | | 5,709 |
| 6 | Plains Mining Co. | Pleasant Plains | 5,388 | | | | 5,350 |
| 7 | Toney Enders | Pleasant Plains | 4,500 | | | | 3,000 |
| 8 | Wenneborg Coal Co., Inc. | New Berlin | 4,120 | | | | 3,670 |
| 9 | J. S. Williamson | Loami | 4,016 | | | | 4,016 |
| 10 | Springfield Salisbury Coal Co. | Salisbury | 2,195 | | | | 1,795 |
| 11 | Bethel Coal Co. | Ashland | 1,800 | | | | 1,600 |
| 12 | McFall & Eddy | Cantrall | 862 | | | | 800 |
| 12 local mines total | | | 147,365 | | | | 144,100 |
| 22 all mines total | | | 2,343,288 | 1,245,435 | 658,051 | 853 | 394,053 |

SCOTT COUNTY

| LOCAL MINES. | | | | | | |
|----------------------|------------------------|------------|-------|--|--|-------|
| 1 | Hosking Bros. Coal Co. | Winchester | 1,292 | | | 1,292 |
| 2 | McGuire Coal Co. | Winchester | 1,082 | | | 1,082 |
| 3 | George E. Berry | Exeter | 869 | | | 869 |
| 4 | Jas. A. Jones | Winchester | 640 | | | 640 |
| 5 | C. L. Neat | Exeter | 250 | | | 250 |
| 6 | Josh Hepworth | Alsey | 241 | | | 241 |
| 7 | Farrel Clark | Exeter | 215 | | | 215 |
| 8 | John G. Karty | Exeter | 150 | | | 150 |
| 9 | Glenn H. Fisher | Winchester | 116 | | | 114 |
| 10 | J. E. Beckman | Exeter | 100 | | | 100 |
| 10 local mines total | | | 4,955 | | | 4,953 |

FOURTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 172 | 1,508 | 300 | 203 | 1,975 | 373,175 | --- | --- | --- | 4 | --- | 335,869 | --- | 17 | 1 |
| 4,960 | 4,377 | 358 | 156 | --- | 389,100 | --- | --- | 7 | 4 | 308,010 | --- | --- | 33 | 2 |
| 6,211 | 3,445 | 368 | 162 | --- | 368,000 | --- | --- | 7 | 6 | 302,357 | --- | --- | 35 | 3 |
| 3,045 | --- | 450 | 132 | 16,082 | --- | --- | --- | --- | 4 | --- | 281,873 | --- | 25 | 4 |
| 3,092 | --- | 416 | 150 | 14,396 | --- | 100 | --- | --- | 4 | --- | 260,979 | --- | 24 | 5 |
| 805 | 4,893 | 327 | 129 | --- | 307,000 | --- | --- | 7 | 7 | 238,242 | --- | --- | 35 | 6 |
| 2,400 | --- | 350 | 152 | 9,193 | 48,975 | --- | --- | --- | 3 | --- | 193,931 | --- | 20 | 7 |
| 1,850 | --- | 316 | 90 | 7,407 | --- | --- | --- | --- | 3 | --- | 134,107 | --- | 22 | 8 |
| 100 | 3,679 | 166 | 216 | 7,085 | --- | --- | --- | --- | 3 | --- | 90,118 | --- | 9 | 9 |
| 235 | 859 | 234 | 35 | --- | 58,650 | --- | --- | 5 | 3 | 50,437 | --- | --- | 21 | 10 |
| 22,870 | 18,761 | 3,285 | 143 | 56,138 | 1,544,900 | 100 | --- | 26 | 41 | 899,046 | 1,296,877 | --- | 241 | --- |
| 125 | --- | 161 | 117 | 3,489 | --- | --- | --- | --- | --- | --- | 67,994 | --- | --- | 1 |
| 293 | --- | 65 | 149 | 1,440 | --- | --- | --- | --- | --- | --- | 30,838 | --- | --- | 2 |
| 197 | --- | 12 | 163 | 439 | --- | --- | --- | 2 | --- | 11,843 | --- | --- | --- | 3 |
| --- | --- | 11 | 185 | 610 | --- | --- | --- | --- | --- | --- | 8,100 | --- | --- | 4 |
| --- | --- | 11 | 115 | 325 | --- | --- | --- | 1 | --- | 5,709 | --- | --- | --- | 5 |
| 38 | --- | 11 | 243 | 450 | --- | --- | --- | 1 | --- | 5,388 | --- | --- | --- | 6 |
| 1,500 | --- | 12 | 125 | 210 | --- | --- | --- | --- | --- | --- | 4,500 | --- | --- | 7 |
| 200 | 250 | 12 | 130 | 60 | --- | --- | --- | 1 | --- | 4,120 | --- | --- | --- | 8 |
| --- | --- | 12 | 200 | 223 | --- | --- | --- | --- | --- | --- | 4,016 | --- | --- | 9 |
| 400 | --- | 9 | 150 | 150 | --- | --- | --- | --- | --- | --- | 2,195 | --- | --- | 10 |
| 200 | --- | 12 | 100 | 100 | --- | --- | --- | --- | --- | --- | 1,800 | --- | --- | 11 |
| 62 | --- | 9 | 28 | 50 | --- | --- | --- | --- | --- | --- | 862 | --- | --- | 12 |
| 3,015 | 250 | 337 | 142 | 7,546 | --- | --- | --- | 5 | --- | 27,060 | 120,305 | --- | --- | --- |
| 25,885 | 19,011 | 3,622 | 142 | 63,684 | 1,544,900 | 100 | --- | 31 | 41 | 926,106 | 1,417,182 | --- | 241 | --- |

FOURTH DISTRICT.

| | | | | | | | | | | | | | | |
|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|
| --- | --- | 7 | 208 | 85 | --- | --- | --- | --- | --- | --- | 1,292 | --- | --- | 1 |
| --- | --- | 3 | 200 | 40 | --- | --- | --- | --- | --- | --- | 1,082 | --- | --- | 2 |
| --- | --- | 7 | 200 | --- | --- | --- | --- | --- | --- | --- | 869 | --- | --- | 3 |
| --- | --- | 3 | 130 | --- | --- | --- | --- | --- | --- | --- | 640 | --- | --- | 4 |
| --- | --- | 2 | 180 | --- | --- | --- | --- | --- | --- | --- | 250 | --- | --- | 5 |
| --- | --- | 2 | 240 | --- | --- | --- | --- | --- | --- | --- | 241 | --- | --- | 6 |
| --- | --- | 2 | 180 | --- | --- | --- | --- | --- | --- | --- | 215 | --- | --- | 7 |
| --- | --- | 2 | 125 | --- | --- | --- | --- | --- | --- | --- | 150 | --- | --- | 8 |
| 2 | --- | 1 | 110 | --- | --- | --- | --- | --- | --- | --- | 116 | --- | --- | 9 |
| --- | --- | 2 | 120 | --- | --- | --- | --- | --- | --- | --- | 100 | --- | --- | 10 |
| 2 | --- | 31 | 169 | 125 | --- | --- | --- | --- | --- | --- | 4,955 | --- | --- | --- |

FOURTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|----------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Christian..... | 6 | 3,860,706 | 3,346,744 | 361,034 | 17,423 | 110,901 | 22,614 | 1,990 |
| Sangamon..... | 10 | 2,195,923 | 1,245,435 | 658,051 | 853 | 249,953 | 22,870 | 18,761 |
| Total..... | 16 | 6,056,629 | 4,592,179 | 1,019,085 | 18,276 | 360,854 | 45,484 | 20,751 |

LOCAL MINES

| | | | | | | | | |
|----------------|----|---------|-------|-------|-------|---------|-------|-------|
| Cass..... | 4 | 1,758 | ----- | ----- | ----- | 1,739 | 19 | ----- |
| Christian..... | 1 | 6,000 | ----- | ----- | ----- | 5,000 | 1,000 | ----- |
| Menard..... | 11 | 105,972 | ----- | ----- | ----- | 101,912 | 4,060 | ----- |
| Morgan..... | 1 | 765 | ----- | ----- | ----- | 765 | ----- | ----- |
| Sangamon..... | 12 | 147,365 | ----- | ----- | ----- | 144,100 | 3,015 | 250 |
| Scott..... | 10 | 4,955 | ----- | ----- | ----- | 4,953 | 2 | ----- |
| Total..... | 39 | 266,815 | ----- | ----- | ----- | 258,469 | 8,096 | 250 |

ALL MINES

| | | | | | | | | |
|----------------|----|-----------|-----------|-----------|--------|---------|--------|--------|
| Cass..... | 4 | 1,758 | ----- | ----- | ----- | 1,739 | 19 | ----- |
| Christian..... | 7 | 3,866,706 | 3,346,744 | 361,034 | 17,423 | 115,901 | 23,614 | 1,990 |
| Menard..... | 11 | 105,972 | ----- | ----- | ----- | 101,912 | 4,060 | ----- |
| Morgan..... | 1 | 765 | ----- | ----- | ----- | 765 | ----- | ----- |
| Sangamon..... | 22 | 2,343,288 | 1,245,435 | 658,051 | 853 | 394,053 | 25,885 | 19,011 |
| Scott..... | 10 | 4,955 | ----- | ----- | ----- | 4,953 | 2 | ----- |
| Total..... | 55 | 6,323,444 | 4,592,179 | 1,019,085 | 18,276 | 619,323 | 53,580 | 21,001 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|----------------|-----------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 2,445 | 189 | 3,001 | 1,372,475 | 850 | 29,500 | 43 | 105 | 3,661,682 | 199,024 | ----- | 22 |
| 3,285 | 143 | 56,138 | 1,544,900 | 100 | ----- | 26 | 41 | 899,046 | 1,296,877 | ----- | 241 |
| 5,730 | 160 | 59,139 | 2,917,375 | 950 | 29,500 | 69 | 146 | 4,560,728 | 1,495,901 | ----- | 263 |

FOURTH DISTRICT.

| | | | | | | | | | | | |
|-----|-----|--------|-------|-------|-------|-------|-------|---------|---------|-------|-------|
| 15 | 86 | 208 | ----- | ----- | ----- | ----- | ----- | ----- | 1,758 | ----- | ----- |
| 15 | 150 | 800 | ----- | ----- | ----- | ----- | ----- | ----- | 6,000 | ----- | ----- |
| 169 | 176 | 3,886 | ----- | ----- | ----- | 6 | ----- | 83,636 | 22,336 | ----- | ----- |
| 6 | 135 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 765 | ----- | ----- |
| 337 | 142 | 7,546 | ----- | ----- | ----- | 5 | ----- | 27,060 | 120,305 | ----- | ----- |
| 31 | 169 | 125 | ----- | ----- | ----- | ----- | ----- | ----- | 4,955 | ----- | ----- |
| 573 | 153 | 12,565 | ----- | ----- | ----- | 11 | ----- | 110,696 | 156,119 | ----- | ----- |

FOURTH DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|-----------|-------|--------|-------|-------|-----------|-----------|-------|-------|
| 15 | 86 | 208 | ----- | ----- | ----- | ----- | ----- | ----- | 1,758 | ----- | ----- |
| 2,460 | 183 | 3,801 | 1,324,755 | 850 | 29,500 | 43 | 105 | 3,661,682 | 205,024 | ----- | 22 |
| 169 | 176 | 3,886 | ----- | ----- | ----- | 6 | ----- | 83,636 | 22,336 | ----- | ----- |
| 6 | 135 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 765 | ----- | ----- |
| 3,622 | 142 | 63,684 | 1,544,900 | 100 | ----- | 31 | 41 | 926,106 | 1,417,182 | ----- | 241 |
| 31 | 169 | 125 | ----- | ----- | ----- | ----- | ----- | ----- | 4,955 | ----- | ----- |
| 6,303 | 155 | 71,704 | 2,917,375 | 950 | 29,500 | 80 | 146 | 4,671,424 | 1,652,020 | ----- | 263 |

FIFTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fifth Inspection District, comprising the coal producing counties of Edgar, Macon and Vermilion, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 3 | 3 | 3 | 3 | 3 |
| Number of shipping mines..... | 7 | 6 | 6 | 7 | 8 |
| Number of local mines..... | 131 | 130 | 120 | 103 | 83 |
| Number of employees underground..... | 3,042 | 2,970 | 4,094 | 2,981 | 3,097 |
| Number of employees on surface..... | 448 | 564 | 441 | 434 | 415 |
| Total number employed..... | 3,490 | 3,534 | 4,535 | 3,415 | 3,512 |
| Tons of coal produced in shipping mines..... | 1,840,005 | 1,932,038 | 1,674,828 | 2,399,121 | 2,768,254 |
| Tons of coal produced in local mines..... | 294,111 | 298,112 | 349,753 | 232,604 | 272,237 |
| Tons of coal produced, total..... | 2,134,116 | 2,230,150 | 2,024,581 | 2,631,725 | 3,040,491 |
| Days operated, shipping mines, average..... | 151 | 151 | 135 | 135 | 156 |
| Days operated, local mines, average..... | 125 | 118 | 137 | 122 | 108 |
| Number of undercutting machines..... | 77 | 71 | 100 | 105 | 99 |
| Tons undercut..... | 1,889,462 | 1,816,819 | 1,483,472 | 2,146,185 | 2,435,948 |
| Tons mined by hand..... | 202,195 | 185,611 | 172,326 | 153,939 | 184,102 |
| Tons mined in strip mines..... | 42,459 | 227,720 | 368,783 | 331,601 | 420,441 |
| Number of loading machines used..... | 45 | 53 | 42 | 43 | 24 |
| Tons loaded mechanically..... | 568,249 | 733,732 | 577,357 | 679,987 | 555,875 |
| Number of fatal accidents..... | 8 | 9 | 6 | 9 | 11 |
| Number of non-fatal accidents..... | 247 | 244 | 192 | 267 | 342 |
| Number of employees to each fatality..... | 436 | 393 | 756 | 379 | 319 |
| Number employed to each non-fatal accident..... | 14.1 | 14.5 | 23.6 | 12.8 | 10 |
| Tons of coal mined to each fatality..... | 266,765 | 247,794 | 337,430 | 292,414 | 276,408 |
| Tons mined to each non-fatal accident..... | 8,640 | 9,140 | 10,545 | 9,857 | 9,531 |
| Number of fatalities per 1,000 employed..... | 2.3 | 2.5 | 1.3 | 2.6 | 3.1 |
| Number injured per 1,000 employed..... | 70.8 | 69 | 42.3 | 78.5 | 90.8 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 10 | 71 | 2,891,333 | 302,256 | 3,117 | 476 | 193 | 118 | 5 | 336 | 638,718 |
| 1930..... | 8 | 83 | 2,768,254 | 272,237 | 2,990 | 522 | 156 | 108 | 11 | 342 | 276,408 |
| 1931..... | 7 | 103 | 2,399,121 | 232,604 | 2,838 | 577 | 135 | 122 | 9 | 267 | 292,414 |
| 1932..... | 6 | 120 | 1,674,828 | 349,753 | 3,281 | 1,254 | 135 | 137 | 6 | 192 | 337,430 |
| 1933..... | 6 | 130 | 1,932,038 | 298,112 | 2,639 | 895 | 151 | 118 | 9 | 244 | 247,794 |
| Average for 5 years..... | 7 | 101 | 2,333,115 | 290,992 | 2,973 | 745 | 158 | 122 | 8 | 276 | 328,013 |
| 1934..... | 7 | 131 | 1,840,005 | 294,111 | 2,585 | 905 | 151 | 125 | 8 | 247 | 266,765 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | | +30 | -493,110 | +3,119 | -388 | +160 | -7 | +3 | ---- | -29 | -61,248 |

CHANGE OF NAME.

Brown Coal Co., a former local mine now operating as a shipping mine under the name of Oakwood Coal Co., at Oakwood in Vermilion County.

NEW MINE.

Coal Stripping Co., No. 2, at Danville in Vermilion County.

IDLE MINES.

Lovington Coal Mining Co., at Lovington in Moultrie County.

United States Fuel Co., Vermilion, at Georgetown in Vermilion County.

FATAL ACCIDENTS.

February 17, Fred Luther, motorman, age 51 years, married, was killed by pit cars, in Macon County Coal Company's mine. He leaves a widow and one child.

Mar. 13, G. B. Coleman, miner, age 64 years, married, was killed in Pearson Coal Company's mine by a fall of rock. He leaves a widow.

April 1, Mike Rauktis, miner, age 52 years, married, died from injuries received March 8, in United States Fuel Company's Bunsenville mine by a fall of rock. He leaves a widow.

April 12, Roy Underwood, a rockman, age 45 years, married, died from injuries received February 27, when struck by a fall of rock in United States Fuel Company's Bunsenville mine. He leaves a widow.

April 19, Louis Champion, miner, age 43 years, married, was killed by falling rock in United States Fuel Company's Bunsenville mine. He leaves a widow and five children.

June 5, Ernest West, motorman, age 47 years, married, was killed in United States Fuel Company's Bunsenville mine by falling coal. He leaves a widow.

July 31, Pietro Dompe, machine runner, age 37 years, single, was killed in United States Fuel Company's Bunsenville mine by being caught in the moving bit chain of a shearing machine. He leaves a dependent mother.

December 9, John E. Wear, loading machine operator, age 26 years, married, died as a result of injuries received on November 20 when he was pinned against his machine by a fall of roof rock in Mine No. 24 of the Peabody Coal Co.

Respectfully submitted,

THOMAS MCKENNA, *Inspector.*

FATAL ACCIDENTS, FIFTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|----------------|------|--------------------------|------------|---------------------------|---------------------------|----------|---------|--------|-----------|-------------|---------------------------|
| Feb. 17 | Feb. 17 | Fred Luther | 51 | Motorman | Decatur | Macon County Coal Co. | --- | 1 | 1 | 1 | 1 | 2 | Pit car. |
| Mar. 13 | Mar. 13 | G. B. Coleman | 64 | Miner | Fairmount | Pearson Coal Co. | --- | 1 | 1 | 1 | 1 | 1 | Fall of rock. |
| Mar. 8 | Apr. 1 | Mike Rauktis | 52 | Miner | Westville | United States Fuel Co. | "Bun" | 1 | 1 | 1 | 1 | 1 | Fall of rock. |
| Feb. 27 | Apr. 12 | Roy Underwood | 45 | Rockman | Westville | United States Fuel Co. | "Bun" | 1 | 1 | 1 | 1 | 1 | Fall of rock. |
| Apr. 19 | Apr. 19 | Louis Champion | 43 | Miner | Westville | United States Fuel Co. | "Bun" | 1 | 1 | 1 | 5 | 6 | Fall of rock. |
| June 5 | June 5 | Ernest West | 47 | Motorman | Westville | United States Fuel Co. | "Bun" | 1 | 1 | 1 | 1 | 1 | Fall of coal. |
| July 31 | July 31 | Pietro Dompe | 37 | Machine runner | Westville | United States Fuel Co. | "Bun" | 1 | 1 | 1 | 1 | 1 | Bits of shearing machine. |
| Nov. 20 | Dec. 9 | John E. Wear | 26 | Loading machine operator | Danville | Peabody Coal Co. | 24 | 1 | 1 | 1 | 1 | 1 | Fall of rock. |

NON-FATAL ACCIDENTS, FIFTH DISTRICT.

| Name of operator. | Number injured. | Number not re- turned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | | Loss of 30 or more days. | | | Month in which accident occurred. | |
|------------------------------|-----------------|------------------------|----------------------------|----------|----------------------------------|------------|----------|--------------------------|------------|--------|-----------------------------------|--------|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | Days lost. | Month. | Number injured. | |
| | | | | | | Total. | Average. | | | | | Total. | Average. |
| Macon County Coal Co. | 51 | 7 | 1,579 | 36 | 22 | 407 | 19 | 22 | 1,172 | 53 | January..... | 28 |
| Oakwood Coal Co. | 3 | 1 | 54 | 27 | 1 | 11 | 11 | 1 | 43 | 43 | February..... | 27 |
| Peabody Coal Co., No. 24 | 47 | 4 | 1,287 | 30 | 28 | 415 | 15 | 15 | 872 | 58 | March..... | 28 |
| Tilton Mining Co. | 9 | 4 | 388 | 43 | 4 | 52 | 13 | 5 | 336 | 67 | April..... | 21 |
| United Elec. Fuel Co., Verm. | 116 | 17 | 4,018 | 41 | 51 | 982 | 18 | 48 | 3,086 | 64 | May..... | 11 |
| | | | | | | | | | | | June..... | 14 |
| Shipping mines..... | 226 | 29 | 7,336 | 37 | 106 | 1,817 | 17 | 91 | 5,509 | 61 | July..... | 14 |
| Local mines..... | 21 | 1 | 417 | 21 | 14 | 263 | 15 | 6 | 214 | 36 | August..... | 14 |
| | | | | | | | | | | | September..... | 21 |
| | | | | | | | | | | | October..... | 20 |
| | | | | | | | | | | | November..... | 33 |
| | | | | | | | | | | | December..... | 16 |
| Total..... | 247 | 30 | 7,743 | 36 | 120 | 2,020 | 17 | 97 | 5,723 | 59 | Total..... | 247 |

EDGAR COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------|-----------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| | LOCAL MINES. | | | | | | |
| 1 | Edgar County Coal Co. | Paris | 13,008 | ----- | ----- | ----- | 12,699 |
| 2 | Martin Coal Co. | Paris | 6,999 | ----- | ----- | ----- | 6,709 |
| 3 | Greenwalt Coal Co. | Paris | 3,000 | ----- | ----- | ----- | 3,000 |
| 4 | J. M. Wagner Coal Co. | St. Bernice | 550 | ----- | ----- | ----- | 450 |
| 5 | Pleasant Hill Coal Co. | Scotland | 413 | ----- | ----- | ----- | 413 |
| 6 | Brookside Coal Co. | Scotland | 283 | ----- | ----- | ----- | 258 |
| 7 | W. W. & M. Coal Co. | Scotland | 127 | ----- | ----- | ----- | 127 |
| | 7 local mines total. | ----- | 24,290 | ----- | ----- | ----- | 23,656 |

MACON COUNTY

| SHIPPING MINE. | | | | | | |
|----------------|----------------------------|--------------|---------|--------|-------|---------|
| 1 | Macon County Coal Co.----- | Decatur----- | 164,401 | 46,278 | ----- | 117,895 |

VERMILION COUNTY

| SHIPPING MINES. | | | | | | | |
|-----------------------------|---|-----------------|-----------|-----------|---------|-------|--------|
| 1 | United States Fuel Co., "Bun"----- | Georgetown----- | 1,009,404 | 732,370 | 262,128 | 2,206 | 9,650 |
| 2 | Peabody Coal Co., No. 24----- | Danville----- | 547,031 | 311,154 | 223,497 | ----- | 5,176 |
| 3 | Tilton Mining Co.----- | Danville----- | 59,037 | 17,682 | 31,800 | ----- | 9,405 |
| 4 | Oakwood Coal Co.----- | Oakwood----- | 23,929 | 810 | 1,025 | ----- | 21,934 |
| 5 | Coal Stripping Co., No. 2----- | Danville----- | 20,242 | 11,572 | ----- | ----- | 8,670 |
| 6 | United Electric Coal Co., No. 12----- | Danville----- | 15,961 | 15,961 | ----- | ----- | ----- |
| 6 shipping mines total----- | | | 1,675,604 | 1,089,549 | 518,450 | 2,206 | 54,835 |
| LOCAL MINES. | | | | | | | |
| 1 | Hegeler Zinc Co.----- | Danville----- | 40,560 | ----- | ----- | ----- | 40,560 |
| 2 | Lete & Sons Coal Co.----- | Danville----- | 14,878 | ----- | ----- | ----- | 14,856 |
| 3 | W. & W. Coal Co.----- | Danville----- | 11,528 | ----- | ----- | ----- | 11,528 |
| 4 | P. J. Dowliatt & Sons----- | Westville----- | 11,157 | ----- | ----- | ----- | 11,157 |
| 5 | M. & B. Coal Co.----- | Danville----- | 10,439 | ----- | ----- | ----- | 9,986 |
| 6 | Anderson Coal Co.----- | Danville----- | 8,864 | ----- | ----- | ----- | 8,864 |
| 7 | Central Coal Co.----- | Fairmount----- | 8,522 | ----- | ----- | ----- | 8,322 |
| 8 | Cassel Branch Coal Co.----- | Danville----- | 8,404 | ----- | ----- | ----- | 8,404 |
| 9 | Larson Coal Co.----- | Georgetown----- | 7,126 | ----- | ----- | ----- | 7,126 |
| 10 | Red Dragon Coal Co.----- | Danville----- | 6,288 | ----- | ----- | ----- | 6,288 |
| 11 | John Donaldson, lessor, (Blackburn Coal Co.)----- | Danville----- | 6,218 | ----- | ----- | ----- | 6,218 |
| 12 | M. & M. Coal Co.----- | Danville----- | 6,000 | ----- | ----- | ----- | 6,000 |
| 13 | Wilson Coal Co.----- | Danville----- | 4,782 | ----- | ----- | ----- | 4,782 |
| 14 | Skelton Coal Co., No. 1----- | Danville----- | 4,769 | ----- | ----- | ----- | 4,769 |
| 15 | James H. Crawford----- | Oakwood----- | 4,747 | ----- | ----- | ----- | 4,747 |
| 16 | Deep Valley Coal Co.----- | Danville----- | 4,560 | ----- | ----- | ----- | 4,560 |
| 17 | Johnson & Son----- | Catlin----- | 4,500 | ----- | ----- | ----- | 4,500 |
| 18 | Howard & Hanley----- | Danville----- | 4,007 | ----- | ----- | ----- | 4,007 |
| 19 | Crawford & Kelley Coal Co.----- | Oakwood----- | 3,878 | ----- | ----- | ----- | 3,200 |
| 20 | Quality Coal Co.----- | Danville----- | 3,559 | ----- | ----- | ----- | 3,559 |
| 21 | Balduchi Coal Co.----- | Fairmount----- | 3,500 | ----- | ----- | ----- | 3,200 |
| 22 | Blue Bird Coal Co.----- | Danville----- | 3,500 | ----- | ----- | ----- | 3,500 |

FIFTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 309 | | 23 | 164 | 630 | | | 2,450 | | | | 13,008 | | | 1 |
| 200 | | 11 | 227 | | | | 1,300 | 1 | | 6,909 | | | | 2 |
| | | 15 | 120 | 600 | | | | | | | 3,000 | | | 3 |
| 100 | | 3 | 180 | 50 | | | | | | | 550 | | | 4 |
| | | 3 | 125 | 30 | | | | | | | 413 | | | 5 |
| 25 | | 2 | 180 | 20 | | | | | | | 283 | | | 6 |
| | | 4 | 49 | | 250 | | | | | | 127 | | | 7 |
| 634 | | 61 | 149 | 1,330 | 250 | | 3,750 | 1 | | 6,909 | 17,381 | | | |

FIFTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-----|-----|-----|-------|-------|--------|-------|----|---|---------|-------|-------|----|---|
| ----- | 228 | 332 | 232 | ----- | ----- | 44,000 | 5,000 | 13 | 2 | 164,401 | ----- | ----- | 26 | 1 |
|-------|-----|-----|-----|-------|-------|--------|-------|----|---|---------|-------|-------|----|---|

FIFTH DISTRICT.

| | | | | | | | | | | | | | | |
|--------|-------|-------|-------|-------|---------|-------|---------|-------|-------|-----------|--------|--------|-------|-------|
| 3,050 | | 1,581 | 180 | | 13,175 | | 137,050 | 31 | 18 | 1,009,404 | | | 18 | 1 |
| 7,204 | | 455 | 183 | 23 | 221,350 | 5,350 | | 18 | 11 | 545,673 | 1,358 | | 39 | 2 |
| 150 | | 77 | 182 | 1,280 | | | | 3 | | 50,577 | 8,460 | | 4 | 3 |
| 10 | 150 | 46 | 187 | 510 | | | | 2 | | 23,929 | | | 2 | 4 |
| | | 38 | 75 | | | | | | | | | 20,242 | | 5 |
| | | 56 | 19 | | | | | | | | | 15,961 | | 6 |
| 10,414 | 150 | 2,253 | 138 | 1,813 | 234,525 | 5,350 | 137,050 | 54 | 29 | 1,629,583 | 9,818 | 36,203 | 63 | |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 22 | | 103 | 124 | | 10,400 | | | 3 | | 36,204 | 4,356 | | | 1 |
| | | 18 | 225 | 283 | | | | 1 | | 12,000 | 2,878 | | | 2 |
| | | 20 | 200 | 275 | | | | 1 | | 11,528 | | | | 3 |
| | | 29 | 220 | 481 | | | | | | | 11,157 | | | 4 |
| 453 | | 22 | 205 | 340 | | | | 1 | | 10,439 | | | | 5 |
| | | 17 | 150 | 243 | | | | 1 | | 8,864 | | | | 6 |
| 200 | | 22 | 180 | 275 | | | | 1 | | 4,534 | | | | 7 |
| | | 8 | 242 | 443 | | | | | | | 3,988 | | | 8 |
| | | 12 | 170 | 410 | | | | | | | 8,404 | | | 9 |
| | | 16 | 190 | 306 | | | | | | | 7,126 | | | 10 |
| | | | | | | | | | | | 6,288 | | | |
| | | 60 | 90 | 248 | | | | | | | 6,218 | | | 11 |
| | | 9 | 108 | 300 | | | | 1 | | 5,000 | 1,000 | | | 12 |
| | | 10 | 150 | 165 | | | | | | | 4,782 | | | 13 |
| | | 9 | 201 | 159 | | | | | | | 4,769 | | | 14 |
| | | 13 | 87 | 235 | | | | | | | 4,747 | | | 15 |
| | | 12 | 250 | 320 | | | | | | | 4,560 | | | 16 |
| | | 8 | 225 | 300 | | | | | | | 4,500 | | | 17 |
| | | 5 | 175 | 120 | | | | | | | 4,007 | | | 18 |
| 678 | | 12 | 87 | 255 | | | | | | | 3,878 | | | 19 |
| | | 8 | 208 | 181 | | | | | | | 3,559 | | | 20 |
| 300 | | 14 | 150 | 200 | | | | | | | 3,500 | | | 21 |
| | | 10 | 140 | 140 | | | | | | | 3,500 | | | 22 |

VERMILION COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------|-------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 23 | Miller & Rohrer Coal Co..... | Danville | 3,490 | | | | 3,490 |
| 24 | Middle Fork Coal Co..... | Armstrong | 3,287 | | | | 3,287 |
| 25 | L. & S. Coal Co..... | Danville | 3,285 | | | | 3,285 |
| 26 | Pichon Coal Co..... | Catlin | 3,014 | | | | 3,014 |
| 27 | Big Diamond Coal Co..... | Danville | 3,000 | | | | 3,000 |
| 28 | Ray Coal Co..... | Fairmount | 2,722 | | | | 2,722 |
| 29 | Grant Coal Co..... | Catlin | 2,535 | | | | 2,535 |
| 30 | Grape Creek Community Mine. | Westville | 2,500 | | | | 2,500 |
| 31 | Yankee Branch Coal Co..... | Georgetown | 2,475 | | | | 2,475 |
| 32 | Swan Coal Co..... | Danville | 2,375 | | | | 2,365 |
| 33 | Shady Valley Coal Co., No. 1. | Catlin | 2,200 | | | | 2,200 |
| 34 | Schafer Bros. Coal Co..... | Danville | 2,176 | | | | 2,151 |
| 35 | Rippon Coal Co..... | Catlin | 2,071 | | | | 2,071 |
| 36 | Ross Lane Coal Co..... | Danville | 2,000 | | | | 2,000 |
| 37 | Martin Bowen Coal Co..... | Danville | 1,975 | | | | 1,975 |
| 38 | Talbert & Scarce Coal Co..... | Grape Creek | 1,900 | | | | 1,900 |
| 39 | Lind Bros. Coal Co..... | Richland | 1,800 | | | | 1,800 |
| 40 | Pearson Coal Co., No. 1..... | Catlin | 1,800 | | | | 1,740 |
| 41 | O. K. Coal Co..... | Danville | 1,778 | | | | 1,778 |
| 42 | Kelly Branch Coal Co., No. 2. | Danville | 1,650 | | | | 1,600 |
| 43 | Larson & Sons..... | Grape Creek | 1,577 | | | | 1,577 |
| 44 | Carbon Coal Co..... | Danville | 1,549 | | | | 1,540 |
| 45 | Cessna Coal Co..... | Catlin | 1,500 | | | | 1,500 |
| 46 | Riverside Coal Co..... | Danville | 1,500 | | | | 1,500 |
| 47 | F. B. & M. Coal Co..... | Catlin | 1,473 | | | | 1,373 |
| 48 | Salt Fork Coal Co..... | Oakwood | 1,361 | | | | 1,361 |
| 49 | L. P. & S. Coal Co..... | Catlin | 1,300 | | | | 1,300 |
| 50 | Sunshine Coal Co..... | Danville | 1,282 | | | | 1,282 |
| 51 | Brady Branch Coal Co..... | Tilton | 1,200 | | | | 1,200 |
| 52 | Lind Coal Co..... | Danville | 1,200 | | | | 1,185 |
| 53 | Elliott Bros..... | Danville | 1,155 | | | | 1,152 |
| 54 | Miller Coal Co..... | Danville | 1,140 | | | | 1,140 |
| 55 | E. E. Smith Coal Co..... | Danville | 1,074 | | | | 1,074 |
| 56 | O. Roberts Coal Co..... | Danville | 1,000 | | | | 1,000 |
| 57 | Thompson Hollow Coal Co..... | Catlin | 1,000 | | | | 1,000 |
| 58 | Possum Trot Coal Co..... | Oakwood | 947 | | | | 947 |
| 59 | Bert Thatcher Coal Co..... | Muncie | 920 | | | | 920 |
| 60 | Campbell Bros..... | Danville | 900 | | | | 900 |
| 61 | Black Diamond Coal Co..... | Muncie | 832 | | | | 832 |
| 62 | White Coal Co..... | Danville | 817 | | | | 817 |
| 63 | Berton & Hall Coal Co..... | Danville | 800 | | | | 800 |
| 64 | Georgetown Community Mine... | Georgetown | 800 | | | | 800 |
| 65 | Dale Sullivan..... | Danville | 800 | | | | 800 |
| 66 | Woodard Coal Co..... | Oakwood | 800 | | | | 700 |
| 67 | Shuman & Son Coal Co..... | Danville | 759 | | | | 759 |
| 68 | Fredrickson Coal Co., No. 1. | Danville | 650 | | | | 649 |
| 69 | B. A. Cook Coal Co..... | Georgetown | 613 | | | | 613 |
| 70 | Henry Stumme & Son Coal Co... | Danville | 610 | | | | 610 |
| 71 | Black Hawk Coal Co..... | Danville | 583 | | | | 583 |
| 72 | George Bros. Coal Co..... | Fairmount | 578 | | | | 578 |
| 73 | Mt. Pleasant Coal Co..... | Danville | 500 | | | | 500 |
| 74 | A. L. Bales Coal Co..... | Westville | 490 | | | | 490 |
| 75 | Christenson Coal Co..... | Danville | 476 | | | | 476 |
| 76 | Alfred Nelson Coal Co..... | Danville | 450 | | | | 450 |
| 77 | Shady Valley Coal Co., No. 2. | Tilton | 450 | | | | 450 |
| 78 | Singleton & Son..... | Danville | 400 | | | | 400 |
| 79 | Kemper Coal Co..... | Danville | 385 | | | | 385 |
| 80 | Arctic Coal Co..... | Danville | 350 | | | | 345 |
| 81 | New Grape Creek Coal Co..... | Westville | 334 | | | | 312 |
| 82 | Skelton Stripping Co..... | Danville | 320 | | | | 300 |
| 83 | C. Holycross Coal Co..... | Hillery | 300 | | | | 300 |
| 84 | Haun & Son Coal Co..... | Danville | 293 | | | | 283 |
| 85 | Dave Anderson Coal Co..... | Danville | 292 | | | | 292 |
| 86 | Highland Park Coal Co..... | Danville | 256 | | | | 242 |
| 87 | O. E. Scarce..... | Grape Creek | 252 | | | | 252 |
| 88 | H. Ritter..... | Danville | 240 | | | | 240 |

FIFTH DISTRICT—Continued.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 25 | | 8 | 120 | 179 | | | | | | | 3,490 | | | 23 |
| | | 10 | 175 | 150 | | | | | | | 3,287 | | | 24 |
| | | 9 | 166 | 230 | | | | | | | 3,285 | | | 25 |
| | | 8 | 190 | 165 | | | | | | | 3,014 | | | 26 |
| | | 10 | 160 | 175 | | | | | | | 3,000 | | | 27 |
| | | 6 | 200 | 136 | | | | | | | 2,722 | | | 28 |
| | | 6 | 254 | 96 | | | | | | | 2,535 | | | 29 |
| | | 10 | 125 | 125 | | | | | | | 2,500 | | | 30 |
| | | 4 | 240 | 10 | | | | | | | | 2,475 | | 31 |
| | | 8 | 243 | 108 | | | | | | | 2,375 | | | 32 |
| 10 | | 11 | 104 | 200 | | | | | | | 2,200 | | | 33 |
| | | 7 | 120 | 128 | | | | | | | 2,176 | | | 34 |
| 25 | | 9 | 140 | 140 | | | | | | | 2,071 | | | 35 |
| | | 7 | 110 | 120 | | | | | | | 2,000 | | | 36 |
| | | 5 | 182 | 79 | | | | | | | 1,975 | | | 37 |
| | | 4 | 200 | 128 | | | | | | | 1,900 | | | 38 |
| | | 5 | 168 | 80 | | | | | | | 1,800 | | | 39 |
| 60 | | 8 | 200 | 125 | | | | | | | 1,800 | | | 40 |
| | | 4 | 244 | 110 | | | | | | | 1,778 | | | 41 |
| 50 | | 6 | 160 | 55 | | | | | | | 1,650 | | | 42 |
| | | 4 | 160 | 92 | | | | | | | 1,577 | | | 43 |
| 9 | | 5 | 162 | 78 | | | | | | | 1,549 | | | 44 |
| | | 7 | 200 | 160 | | | | | | | 1,500 | | | 45 |
| | | 3 | 229 | 60 | | | | | | | 1,500 | | | 46 |
| 100 | | 4 | 240 | 74 | | | | | | | 1,473 | | | 47 |
| | | 4 | 180 | | | | | | | | 1,361 | | | 48 |
| | | 5 | 235 | 130 | | | | | | | 1,300 | | | 49 |
| | | 4 | 200 | 49 | | | | | | | 1,282 | | | 50 |
| | | 3 | 110 | 50 | | | | | | | 1,200 | | | 51 |
| 15 | | 4 | 180 | 48 | | | | | | | 1,200 | | | 52 |
| 3 | | 3 | 225 | 59 | | | | | | | 1,155 | | | 53 |
| | | 4 | 140 | 76 | | | | | | | 1,140 | | | 54 |
| | | 4 | 110 | | | | | | | | | 1,074 | | 55 |
| | | 5 | 150 | 50 | | | | | | | 1,000 | | | 56 |
| | | 7 | 120 | 35 | | | | | | | 1,000 | | | 57 |
| | | 6 | 198 | 108 | | | | | | | 947 | | | 58 |
| | | 4 | 115 | 120 | | | | | | | 920 | | | 59 |
| | | 3 | 140 | 90 | | | | | | | 900 | | | 60 |
| | | 4 | 90 | 42 | | | | | | | 832 | | | 61 |
| | | 4 | 94 | 32 | | | | | | | 817 | | | 62 |
| | | 4 | 150 | | | | | | | | 800 | | | 63 |
| | | 5 | 40 | 40 | | | | | | | | 800 | | 64 |
| | | 2 | 150 | 32 | | | | | | | 800 | | | 65 |
| 100 | | 3 | 130 | 40 | | | | | | | 800 | | | 66 |
| | | 3 | 253 | 67 | | | | | | | 759 | | | 67 |
| 1 | | 3 | 100 | 31 | | | | | | | 650 | | | 68 |
| | | 1 | 100 | | | | | | | | | 613 | | 69 |
| | | 3 | 170 | 21 | | | | | | | 610 | | | 70 |
| | | 4 | 61 | 30 | | | | | | | 583 | | | 71 |
| | | 4 | 193 | 130 | | | | | | | 578 | | | 72 |
| | | 3 | 150 | 25 | | | | | | | 500 | | | 73 |
| | | 3 | 163 | 19 | | | | | | | 490 | | | 74 |
| | | 5 | 96 | 24 | | | | | | | 476 | | | 75 |
| | | 2 | 110 | 22 | | | | | | | 450 | | | 76 |
| | | 6 | 70 | 40 | | | | | | | 450 | | | 77 |
| | | 1 | 43 | 20 | | | | | | | 400 | | | 78 |
| | | 3 | 60 | 18 | | | | | | | 385 | | | 79 |
| 5 | | 3 | 140 | 35 | | | | | | | 350 | | | 80 |
| 22 | | 2 | 90 | 16 | | | | | | | 334 | | | 81 |
| | | 2 | 26 | | | | | | | | 320 | | | 82 |
| | | 2 | 150 | 15 | | | | | | | 300 | | | 83 |
| | | 3 | 40 | 4 | | | | | | | | 293 | | 84 |
| | | 1 | 100 | 18 | | | | | | | 292 | | | 85 |
| 14 | | 4 | 60 | 25 | | | | | | | 256 | | | 86 |
| | | 2 | 110 | 16 | | | | | | | 252 | | | 87 |
| | | 2 | 60 | 10 | | | | | | | 240 | | | 88 |

VERMILION COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------------|----------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 89 | Short Coal Co..... | Georgetown..... | 229 | ----- | ----- | ----- | 219 |
| 90 | Stewart & Boyd Coal Co..... | Danville..... | 220 | ----- | ----- | ----- | 220 |
| 91 | Collins Coal Co..... | Danville..... | 209 | ----- | ----- | ----- | 207 |
| 92 | Hawkins Coal Co..... | Georgetown..... | 200 | ----- | ----- | ----- | 200 |
| 93 | K. O. H. L. Coal Co..... | Danville..... | 200 | ----- | ----- | ----- | 200 |
| 94 | Etchison Coal Co..... | Westville..... | 175 | ----- | ----- | ----- | 175 |
| 95 | Dougherty & Son..... | Catlin..... | 170 | ----- | ----- | ----- | 167 |
| 96 | I Wonder Coal Co..... | Danville..... | 162 | ----- | ----- | ----- | 162 |
| 97 | Johnson Stripping Co..... | Grape Creek..... | 159 | ----- | ----- | ----- | 159 |
| 98 | Lime Springs Coal Co..... | Danville..... | 152 | ----- | ----- | ----- | 152 |
| 99 | Crippon Coal Co..... | Danville..... | 150 | ----- | ----- | ----- | 75 |
| 100 | Gondry Bros. Coal Co..... | Westville..... | 131 | ----- | ----- | ----- | 131 |
| 101 | Del Valley Coal Co., No. 2..... | Danville..... | 128 | ----- | ----- | ----- | 128 |
| 102 | Fredrickson Coal Co., No. 2..... | Danville..... | 115 | ----- | ----- | ----- | 115 |
| 103 | Ellis Coal Co..... | Danville..... | 110 | ----- | ----- | ----- | 95 |
| 104 | Abe Willis & P. Burkhead..... | Danville..... | 100 | ----- | ----- | ----- | 100 |
| 105 | King & Wilson Mine..... | Danville..... | 90 | ----- | ----- | ----- | 90 |
| 106 | Anderson & Dunovan Coal Co..... | Georgetown..... | 87 | ----- | ----- | ----- | 87 |
| 107 | I. R. Brown..... | Danville..... | 75 | ----- | ----- | ----- | 75 |
| 108 | Smith Coal Co..... | Danville..... | 75 | ----- | ----- | ----- | 75 |
| 109 | Pearson Coal Co., No. 2..... | Catlin..... | 70 | ----- | ----- | ----- | 70 |
| 110 | Dale Blue Coal Co..... | Westville..... | 55 | ----- | ----- | ----- | 55 |
| 111 | Ritter Coal Co..... | Westville..... | 51 | ----- | ----- | ----- | 25 |
| 112 | Sumner Bates Coal Co..... | Danville..... | 50 | ----- | ----- | ----- | 50 |
| 113 | Poland Coal Co..... | Danville..... | 50 | ----- | ----- | ----- | 40 |
| 114 | Tom Lewis..... | Danville..... | 45 | ----- | ----- | ----- | 45 |
| 115 | B. O. Gibbs Coal Co..... | Danville..... | 40 | ----- | ----- | ----- | 40 |
| 116 | Wm. Winehouse Coal Co..... | South Danville..... | 40 | ----- | ----- | ----- | 40 |
| 117 | Steve Janosick..... | Westville..... | 30 | ----- | ----- | ----- | 30 |
| 118 | Pashe Coal Co..... | Danville..... | 25 | ----- | ----- | ----- | 25 |
| 119 | W. E. Williams Coal Co..... | Grape Creek..... | 24 | ----- | ----- | ----- | 24 |
| 120 | H. B. Coal Co..... | Danville..... | 22 | ----- | ----- | ----- | 18 |
| 121 | Haskins Coal Co..... | Danville..... | 20 | ----- | ----- | ----- | 19 |
| 122 | Remy Coal Co..... | Georgetown..... | 20 | ----- | ----- | ----- | 10 |
| 123 | Johnson Coal Co., No. 1..... | Grape Creek..... | 10 | ----- | ----- | ----- | 10 |
| 124 | Patton Coal Co..... | Catlin..... | 5 | ----- | ----- | ----- | 5 |
| 124 local mines total..... | | | 269,821 | ----- | ----- | ----- | 267,583 |
| 130 all mines total..... | | | 1,945,425 | 1,089,549 | 518,450 | 2,206 | 322,418 |

FIFTH DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|-----|------------------------------------|-----------------------|------------------|----------------------|------------------|-----------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 10 | | 2 | 139 | | | | | | | | | 229 | | 89 |
| 2 | | 12 | 90 | 10 | | | | | | | 220 | | | 90 |
| | | 3 | 60 | 10 | | | | | | | 209 | | | 91 |
| | | 12 | 90 | | | | | | | | | 200 | | 92 |
| | | 4 | 40 | 10 | | | | | | | 200 | | | 93 |
| | | 4 | 120 | | | | | | | | 175 | | | 94 |
| 3 | | 2 | 30 | 9 | | | | | | | 170 | | | 95 |
| | | 4 | 60 | 20 | | | | | | | 162 | | | 96 |
| | | 1 | 160 | | 100 | | | | | | | 159 | | 97 |
| | | 4 | 100 | 10 | | | | | | | 152 | | | 98 |
| 75 | | 3 | 75 | | | | | | | | | 150 | | 99 |
| | | 12 | 90 | 6 | | | | | | | | | | 100 |
| | | 12 | 43 | 12 | | | | | | | 131 | | | 101 |
| | | 2 | 30 | 5 | | | | | | | 128 | | | 102 |
| 15 | | 4 | 75 | | | | | | | | 115 | | | 103 |
| | | 12 | 60 | 3 | | | | | | | 110 | | | 104 |
| | | 12 | 45 | 6 | | | | | | | 100 | | | 105 |
| | | 3 | 25 | | | | | | | | 90 | | | 106 |
| | | 3 | 15 | 3 | | | | | | | 75 | | | 107 |
| | | 4 | 25 | 10 | | | | | | | 75 | | | 108 |
| | | 5 | 40 | 4 | | | | | | | 70 | | | 109 |
| | | 1 | 110 | | | | | | | | | 55 | | 110 |
| 26 | | 2 | 40 | | | | | | | | | 51 | | 111 |
| | | 12 | 20 | | | | | | | | | 50 | | 112 |
| 10 | | 3 | 45 | 4 | | | | | | | 50 | | | 113 |
| | | 3 | 30 | 4 | | | | | | | 45 | | | 114 |
| | | 3 | 30 | 2 | | | | | | | 40 | | | 115 |
| | | 2 | 40 | 4 | | | | | | | 40 | | | 116 |
| | | 3 | 20 | 3 | | | | | | | 30 | | | 117 |
| | | 3 | 20 | 1 | | | | | | | 25 | | | 118 |
| | | 4 | 60 | 3 | | | | | | | 24 | | | 119 |
| 4 | | 4 | 30 | 2 | | | | | | | 22 | | | 120 |
| 1 | | 2 | 15 | 1 | | | | | | | 20 | | | 121 |
| | | 2 | 20 | | | | | | | | | 20 | | 122 |
| | | 2 | 30 | 1 | | | | | | | 10 | | | 123 |
| | | 3 | 2 | 1 | | | | | | | 5 | | | 124 |
| 2,238 | | 844 | 123 | 10,413 | 10,500 | | 9 | | 88,569 | 174,996 | 6,256 | | | |
| 12,652 | 150 | 3,097 | 124 | 12,226 | 245,025 | 5,350 | 63 | 29 | 1,718,152 | 184,814 | 42,459 | 63 | | |

FIFTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|----------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Macon..... | 1 | 164,401 | 46,278 | ----- | ----- | 117,895 | ----- | 228 |
| Vermilion..... | 6 | 1,675,604 | 1,089,549 | 518,450 | 2,206 | 54,835 | 10,414 | 150 |
| Total..... | 7 | 1,840,005 | 1,135,827 | 518,450 | 2,206 | 172,730 | 10,414 | 378 |

LOCAL MINES

| | | | | | | | | |
|----------------|-----|---------|-------|-------|-------|---------|-------|-------|
| Edgar..... | 7 | 24,290 | ----- | ----- | ----- | 23,656 | 634 | ----- |
| Vermilion..... | 124 | 269,821 | ----- | ----- | ----- | 267,583 | 2,238 | ----- |
| Total..... | 131 | 294,111 | ----- | ----- | ----- | 291,239 | 2,872 | ----- |

ALL MINES

| | | | | | | | | |
|----------------|-----|-----------|-----------|---------|-------|---------|--------|-------|
| Edgar..... | 7 | 24,290 | ----- | ----- | ----- | 23,656 | 634 | ----- |
| Macon..... | 1 | 164,401 | 46,278 | ----- | ----- | 117,895 | ----- | 228 |
| Vermilion..... | 130 | 1,945,425 | 1,089,549 | 518,450 | 2,206 | 322,418 | 12,652 | 150 |
| Total..... | 138 | 2,134,116 | 1,135,827 | 518,450 | 2,206 | 463,969 | 13,286 | 378 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|----------------|-------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 332 | 232 | ----- | ----- | 44,000 | 5,000 | 13 | 2 | 164,401 | ----- | ----- | 26 |
| 2,253 | 138 | 1,813 | 234,525 | 5,350 | 137,050 | 54 | 29 | 1,629,583 | 9,818 | 36,203 | 63 |
| 2,585 | 151 | 1,813 | 234,525 | 49,350 | 142,050 | 67 | 31 | 1,793,984 | 9,818 | 36,203 | 89 |

FIFTH DISTRICT.

| | | | | | | | | | | | |
|-----|-----|--------|--------|-------|-------|----|-------|--------|---------|-------|-------|
| 61 | 149 | 1,330 | 250 | ----- | 3,750 | 1 | ----- | 6,909 | 17,381 | ----- | ----- |
| 844 | 123 | 10,413 | 10,500 | ----- | ----- | 9 | ----- | 88,569 | 174,996 | ----- | ----- |
| 905 | 125 | 11,743 | 10,750 | ----- | 3,750 | 10 | ----- | 95,478 | 192,377 | 6,256 | ----- |

FIFTH DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|---------|--------|---------|----|-------|-----------|---------|--------|-------|
| 61 | 149 | 1,330 | 250 | ----- | 3,750 | 1 | ----- | 6,909 | 17,381 | ----- | ----- |
| 332 | 232 | ----- | ----- | 44,000 | 5,000 | 13 | 2 | 164,401 | ----- | ----- | 26 |
| 3,097 | 124 | 12,226 | 245,025 | 5,350 | 137,050 | 63 | 29 | 1,718,152 | 184,814 | 42,459 | 63 |
| 3,490 | 126 | 13,556 | 245,275 | 49,350 | 145,800 | 77 | 31 | 1,889,462 | 202,195 | 42,459 | 89 |

SIXTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Sixth Inspection District, comprising the coal producing counties of Greene, Jersey, Macoupin, Montgomery and Shelby, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 5 | 5 | 5 | 5 | 5 |
| Number of shipping mines..... | 11 | 10 | 12 | 12 | 13 |
| Number of local mines..... | 60 | 70 | 40 | 36 | 30 |
| Number of employees underground..... | 4,021 | 4,175 | 4,497 | 4,515 | 4,697 |
| Number of employees on surface..... | 551 | 581 | 512 | 552 | 528 |
| Total number employed..... | 4,572 | 4,756 | 5,009 | 5,057 | 5,225 |
| Tons of coal produced in shipping mines..... | 3,921,804 | 3,699,374 | 2,594,413 | 5,263,371 | 6,275,480 |
| Tons of coal produced in local mines..... | 48,583 | 49,847 | 50,783 | 41,827 | 28,926 |
| Tons of coal produced, total..... | 3,970,387 | 3,749,221 | 2,645,196 | 5,305,198 | 6,304,406 |
| Days operated, shipping mines, average..... | 162 | 155 | 91 | 156 | 170 |
| Days operated, local mines, average..... | 123 | 98 | 136 | 145 | 133 |
| Number of undercutting machines..... | 67 | 57 | 82 | 87 | 149 |
| Tons undercut..... | 3,927,863 | 3,704,818 | 2,592,631 | 5,089,018 | 5,959,939 |
| Tons mined by hand..... | 41,934 | 44,278 | 52,565 | 216,180 | 344,467 |
| Tons mined in strip mines..... | 590 | | | | |
| Number of loading machines used..... | 467 | 477 | 642 | 21 | 574 |
| Tons loaded mechanically..... | 3,653,668 | 3,421,799 | 2,475,056 | 4,876,303 | 4,675,685 |
| Number of fatal accidents..... | 5 | 5 | 57 | 9 | 16 |
| Number of non-fatal accidents..... | 326 | 334 | 195 | 433 | 528 |
| Number of employees to each fatality..... | 914 | 951 | 87.9 | 563 | 327 |
| Number employed to each non-fatal accident..... | 14.0 | 14 | 25.7 | 11.7 | 10 |
| Tons of coal mined to each fatality..... | 794,077 | 749,844 | 46,407 | 589,405 | 394,025 |
| Tons mined to each non-fatal accident..... | 12,179 | 11,225 | 13,565 | 12,252 | 11,940 |
| Number of fatalities per 1,000 employed..... | 1.1 | 1.0 | 11.4 | 1.8 | 3.1 |
| Number injured per 1,000 employed..... | 71.3 | 70.2 | 38.9 | 85.5 | 101 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 13 | 13 | 6,974,363 | 11,671 | 4,908 | 66 | 195 | 146 | 9 | 730 | 776,226 |
| 1930..... | 13 | 30 | 6,275,480 | 28,926 | 5,031 | 194 | 171 | 133 | 16 | 528 | 394,025 |
| 1931..... | 12 | 36 | 5,263,371 | 41,827 | 4,711 | 356 | 156 | 145 | 9 | 433 | 589,465 |
| 1932..... | 12 | 40 | 2,594,413 | 50,783 | 4,724 | 285 | 91 | 136 | 57 | 195 | 46,407 |
| 1933..... | 10 | 70 | 3,699,374 | 49,847 | 4,411 | 345 | 155 | 98 | 5 | 334 | 749,844 |
| Average for 5 years..... | 12 | 38 | 4,961,401 | 36,611 | 4,757 | 248 | 155 | 124 | 19 | 444 | 260,313 |
| 1934..... | 11 | 60 | 3,921,804 | 48,583 | 4,235 | 337 | 162 | 123 | 5 | 326 | 794,077 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | —1 | +22 | —1,039,597 | +11,972 | —522 | +89 | +7 | —1 | —14 | —118 | +533,764 |

CHANGE OF NAME.

Madison Coal Corp., No. 5, to Mt. Olive Coal Co., at Mt. Olive in Macoupin County.

IDLE MINES.

Consolidated Coal Co., No. 7, at Staunton in Macoupin County.

Cosgrove Meehan Coal Co., No. 5, at Panama in Montgomery County.

Indiana & Illinois Coal Corp., No. 12, at Witt in Montgomery County.

Indiana & Illinois Coal Corp., No. 14, at Witt in Montgomery County.

Standard Oil Co., No. 1, at Carlinville in Macoupin County.

Standard Oil Co., No. 2, at Carlinville in Macoupin County.

FATAL ACCIDENTS.

March 20, Henry F. Cox, miner, age 51, married, died as a result of being struck on the head by a piece of rock on March 15 in the No. 1 mine of J. G. Root & Co. He leaves a widow.

April 16, Steve Mochilan, miner, age 60 years, was killed in Superior Coal Company's No. 1 mine by a fall of slate. He leaves a widow and one child.

October 31, Wm. Baker, miner, age 74 years, married, died from injuries received when he was struck by an empty car he was switching, this empty car was struck by a runaway string of loaded cars in the No. 1 mine of the Superior Coal Co. He leaves a widow.

December 17, James Turchi, miner, age 56 years, married, was killed by a fall of slate in Mine No. 10 of the Indiana and Illinois Coal Corp. He leaves a widow and one dependent child.

December 26, Ernest Bray, Sr., miner, age 55 years, married, was killed by electricity when he came in contact with the uninsulated portion of the nips of a conveyor in Mine No. 2 of the Superior Coal Co. He leaves a widow and four dependent children.

Respectfully submitted,

JOSEPH FIRTH, JR., *Inspector.*

FATAL ACCIDENTS, SIXTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|------------------|------|-------------|--------------|-------------------------------|---------------------------|----------|---------|--------|-----------|-------------|------------------|
| Mar. 15 | Mar. 20 | Henry F. Cox. | 51 | Miner. | Shelbyville. | J. G. Root & Co. | 1 | 1 | 1 | 1 | 1 | 1 | 1 Fall of rock. |
| Apr. 16 | Apr. 16 | Steve Mochlan. | 60 | Miner. | Bond. | Superior Coal Co. | 1 | 1 | 1 | 1 | 1 | 2 | 2 Fall of slate. |
| Oct. 31 | Oct. 31 | Wm. Baker. | 74 | Miner. | Gillespie. | Superior Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | 1 Runaway cars. |
| Dec. 17 | Dec. 17 | James Turchi. | 56 | Miner. | Nokomis. | Indiana & Illinois Coal Corp. | 10 | 1 | 1 | 1 | 1 | 2 | 2 Fall of slate. |
| Dec. 26 | Dec. 26 | Ernest Bray, Sr. | 55 | Miner. | Bond. | Superior Coal Co. | 2 | 1 | 1 | 1 | 4 | 5 | Electrocuted. |

NON-FATAL ACCIDENTS, SIXTH DISTRICT.

| Name of operator. | Number injured. | Number not returned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | Loss of 30 or more days. | | Month in which accident occurred. |
|--|-----------------|----------------------|----------------------------|----------|----------------------------------|------------------------------------|--------------------------|------------------------------------|-----------------------------------|
| | | | Total. | Average. | Number injured. | Days lost. Total. Average. | Number injured. | Days lost. Total. Average. | Month. |
| | | | | | | | | | |
| Consolidated Coal Co. of St. Louis..... | 55 | 6 | 1,983 | 40 | 23 | 319 14 | 26 | 1,664 64 | January..... |
| Gillespie Coal Co..... | 20 | 1 | 970 | 51 | 10 | 195 20 | 9 | 775 86 | February..... |
| Hillsboro Coal Co., No. 1..... | 38 | 2 | 902 | 25 | 27 | 427 16 | 9 | 475 53 | March..... |
| Indiana & Illinois Coal Corp., No. 10..... | 41 | 6 | 1,653 | 46 | 19 | 312 16 | 16 | 1,341 84 | April..... |
| Mt. Olive Coal Co..... | 5 | 1 | 115 | 29 | 1 | 14 14 | 3 | 101 34 | May..... |
| Superior Coal Co., No. 1..... | 39 | 5 | 1,516 | 45 | 13 | 176 14 | 21 | 1,340 64 | June..... |
| Superior Coal Co., No. 2..... | 41 | 7 | 1,359 | 40 | 16 | 230 14 | 18 | 1,129 63 | July..... |
| Superior Coal Co., No. 3..... | 57 | 7 | 2,127 | 43 | 15 | 234 16 | 35 | 1,893 54 | August..... |
| Superior Coal Co., No. 4..... | 8 | 5 | 201 | 67 | 1 | 25 25 | 2 | 176 88 | September..... |
| Virden Coal Co..... | 9 | 3 | 142 | 24 | 5 | 78 16 | 1 | 64 64 | October..... |
| Shipping mines..... | 313 | 43 | 10,968 | 41 | 130 | 2,010 15 | 140 | 8,958 64 | November..... |
| Local mines..... | 13 | 2 | 284 | 26 | 9 | 169 19 | 2 | 115 58 | December..... |
| Total..... | 326 | 45 | 11,252 | 40 | 139 | 2,179 34 | 142 | 9,073 64 | Total..... |

* Includes 38 accidents not reported by month in which they occurred.

*326

GREENE COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|-----------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | A. N. Poli..... | Greenfield..... | 4,136 | ----- | ----- | ----- | 3,626 |
| 2 | Elmer Israel..... | Roodhouse..... | 1,640 | ----- | ----- | ----- | 1,600 |
| 3 | Ralph Beck..... | Roodhouse..... | 1,000 | ----- | ----- | ----- | 1,000 |
| 4 | Thos. Griffiths..... | Roodhouse..... | 1,000 | ----- | ----- | ----- | 700 |
| 5 | Burl Wyatt..... | White Hall..... | 760 | ----- | ----- | ----- | 760 |
| 6 | J. H. Little..... | Roodhouse..... | 702 | ----- | ----- | ----- | 702 |
| 7 | Raymond Cummins..... | Roodhouse..... | 681 | ----- | ----- | ----- | 681 |
| 8 | C. G. Anderson..... | Roodhouse..... | 623 | ----- | ----- | ----- | 623 |
| 9 | Ed. A. Elliott..... | Roodhouse..... | 581 | ----- | ----- | ----- | 581 |
| 10 | Thomas H. Conlee..... | White Hall..... | 580 | ----- | ----- | ----- | 580 |
| 11 | Bert Smith..... | Athensville..... | 565 | ----- | ----- | ----- | 550 |
| 12 | Hector Harbaugh..... | Roodhouse..... | 546 | ----- | ----- | ----- | 526 |
| 13 | Jas. T. Atkins..... | Roodhouse..... | 492 | ----- | ----- | ----- | 492 |
| 14 | Frank Hopper..... | Roodhouse..... | 464 | ----- | ----- | ----- | 464 |
| 15 | W. H. Allen..... | Roodhouse..... | 382 | ----- | ----- | ----- | 382 |
| 16 | Theo. Hopper..... | Roodhouse..... | 230 | ----- | ----- | ----- | 230 |
| 17 | Don Wyatt..... | White Hall..... | 230 | ----- | ----- | ----- | 230 |
| 18 | Lee Simmons..... | White Hall..... | 210 | ----- | ----- | ----- | 204 |
| 19 | Russel Rimbey..... | Athensville..... | 185 | ----- | ----- | ----- | 185 |
| 20 | O. S. Walker..... | Roodhouse..... | 180 | ----- | ----- | ----- | 180 |
| 21 | Benjamin Armstrong..... | Roodhouse..... | 100 | ----- | ----- | ----- | 100 |
| 22 | Lloyd Elliott..... | Roodhouse..... | 85 | ----- | ----- | ----- | 30 |
| 23 | Walter Russell..... | Roodhouse..... | 75 | ----- | ----- | ----- | 75 |
| 24 | Garrison, Opremsbak & Worlds..... | Roodhouse..... | 65 | ----- | ----- | ----- | 65 |
| 25 | Jessey Bowns..... | Roodhouse..... | 10 | ----- | ----- | ----- | 8 |
| 25 local mines total..... | | | 15,522 | ----- | ----- | ----- | 14,574 |

JERSEY COUNTY

| | | | | | | | |
|---------------------------|-------------------------------|------------------|-------|-------|-------|-------|-------|
| LOCAL MINES. | | | | | | | |
| 1 | Kruse Coal Co..... | Brighton..... | 700 | ----- | ----- | ----- | 692 |
| 2 | H. J. Geisler..... | Delhi..... | 390 | ----- | ----- | ----- | 390 |
| 3 | Teney Bros..... | Delhi..... | 230 | ----- | ----- | ----- | 230 |
| 4 | Robert Gamble..... | Delhi..... | 226 | ----- | ----- | ----- | 226 |
| 5 | Otto F. Rothe..... | Jerseyville..... | 221 | ----- | ----- | ----- | 214 |
| 6 | Huebener Coal Co., No. 1..... | Brighton..... | 183 | ----- | ----- | ----- | 183 |
| 7 | Wagenblast Bros..... | Jerseyville..... | 160 | ----- | ----- | ----- | 158 |
| 8 | Edwards Cairns, Jr..... | Delhi..... | 120 | ----- | ----- | ----- | 120 |
| 9 | Huebener Coal Co., No. 2..... | Brighton..... | 90 | ----- | ----- | ----- | 90 |
| 10 | Milton Phillips..... | Delhi..... | 60 | ----- | ----- | ----- | 60 |
| 10 local mines total..... | | | 2,380 | ----- | ----- | ----- | 2,363 |

MACOUPIN COUNTY

| | | | | | | | |
|-----------------------------|---|----------------|-----------|---------|-----------|-------|--------|
| SHIPPING MINES. | | | | | | | |
| 1 | Consolidated Coal Co. of St. Louis, No. 15..... | Mt. Olive..... | 789,442 | 430,624 | 282,373 | ----- | 3,320 |
| 2 | Superior Coal Co., No. 2..... | Gillespie..... | 726,125 | ----- | 703,716 | ----- | 6,117 |
| 3 | Superior Coal Co., No. 3..... | Gillespie..... | 721,033 | ----- | 690,572 | ----- | 9,484 |
| 4 | Superior Coal Co., No. 1..... | Gillespie..... | 662,606 | ----- | 644,654 | ----- | 1,709 |
| 5 | Gillespie Coal Co..... | Gillespie..... | 318,866 | 300,378 | ----- | ----- | 17,470 |
| 6 | Superior Coal Co., No. 4..... | Gillespie..... | 76,684 | ----- | 72,839 | ----- | ----- |
| 7 | Viriden Coal Co..... | Viriden..... | 48,565 | 6,438 | 629 | ----- | 34,645 |
| 8 | Mt. Olive Coal Co..... | Mt. Olive..... | 18,450 | 9,001 | 1,457 | 2,008 | 4,128 |
| 8 shipping mines total..... | | | 3,361,771 | 746,441 | 2,396,240 | 2,008 | 76,873 |

SIXTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 510 | ----- | 10 | 167 | 170 | ----- | ----- | ----- | ----- | ----- | ----- | 4,136 | ----- | ----- | 1 |
| 40 | ----- | 7 | 234 | 204 | ----- | ----- | ----- | ----- | ----- | ----- | 1,640 | ----- | ----- | 2 |
| ----- | ----- | 9 | 200 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | 1,000 | ----- | ----- | 3 |
| 300 | ----- | 4 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 1,000 | ----- | ----- | 4 |
| ----- | ----- | 2 | 180 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 760 | ----- | ----- | 5 |
| ----- | ----- | 4 | 208 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 702 | ----- | ----- | 6 |
| ----- | ----- | 3 | 115 | 34 | ----- | ----- | ----- | ----- | ----- | ----- | 681 | ----- | ----- | 7 |
| ----- | ----- | 6 | 65 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 623 | ----- | ----- | 8 |
| ----- | ----- | 2 | 250 | 24 | ----- | ----- | ----- | ----- | ----- | ----- | 581 | ----- | ----- | 9 |
| ----- | ----- | 1 | 120 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 580 | ----- | ----- | 10 |
| 15 | ----- | 6 | 70 | 50 | ----- | ----- | ----- | ----- | ----- | ----- | 565 | ----- | ----- | 11 |
| 20 | ----- | 4 | 150 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | 546 | ----- | ----- | 12 |
| ----- | ----- | 2 | 120 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | 492 | ----- | ----- | 13 |
| ----- | ----- | 4 | 85 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 464 | ----- | ----- | 14 |
| ----- | ----- | 5 | 120 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | 382 | ----- | ----- | 15 |
| ----- | ----- | 2 | 140 | 28 | ----- | ----- | ----- | ----- | ----- | ----- | 230 | ----- | ----- | 16 |
| ----- | ----- | 5 | 65 | 12 | ----- | ----- | ----- | ----- | ----- | ----- | 230 | ----- | ----- | 17 |
| 6 | ----- | 3 | 87 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 210 | ----- | ----- | 18 |
| ----- | ----- | 4 | 130 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | 185 | ----- | ----- | 19 |
| ----- | ----- | 2 | 100 | 12 | ----- | ----- | ----- | ----- | ----- | ----- | 180 | ----- | ----- | 20 |
| ----- | ----- | 1 | 90 | 16 | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | ----- | 21 |
| 55 | ----- | 3 | 180 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | 85 | ----- | ----- | 22 |
| ----- | ----- | 2 | 45 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 75 | ----- | ----- | 23 |
| ----- | ----- | 3 | 60 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | 65 | ----- | ----- | 24 |
| 2 | ----- | 2 | 18 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10 | ----- | ----- | 25 |
| 948 | ----- | 102 | 122 | 738 | ----- | ----- | ----- | ----- | ----- | ----- | 15,522 | ----- | ----- | ----- |

SIXTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 8 | ----- | 4 | 140 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 700 | ----- | ----- | 1 |
| ----- | ----- | 8 | 200 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 390 | ----- | ----- | 2 |
| ----- | ----- | 3 | 132 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 230 | ----- | ----- | 3 |
| ----- | ----- | 1 | 100 | 22 | ----- | ----- | ----- | ----- | ----- | ----- | 226 | ----- | ----- | 4 |
| 7 | ----- | 1 | 250 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 221 | ----- | ----- | 5 |
| ----- | ----- | 8 | 175 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 183 | ----- | ----- | 6 |
| 2 | ----- | 3 | 80 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 160 | ----- | ----- | 7 |
| ----- | ----- | 3 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 120 | ----- | ----- | 8 |
| ----- | ----- | 4 | 35 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 90 | ----- | 9 |
| ----- | ----- | 1 | 50 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 60 | ----- | ----- | 10 |
| 17 | ----- | 36 | 122 | 22 | ----- | ----- | ----- | ----- | ----- | ----- | 2,290 | 90 | ----- | ----- |

SIXTH DISTRICT.

| | | | | | | | | | | | | | | |
|---------|--------|-------|-----|-------|--------|-------|---------|----|----|-----------|-------|-------|----|-------|
| 40,500 | 32,625 | 565 | 205 | ----- | 32,450 | ----- | 87,800 | 13 | 24 | 789,442 | ----- | ----- | 6 | 1 |
| 16,292 | ----- | 645 | 235 | ----- | ----- | ----- | 83,150 | 10 | 18 | 726,125 | ----- | ----- | 3 | 2 |
| 20,977 | ----- | 685 | 228 | ----- | ----- | ----- | 99,500 | 5 | 21 | 721,033 | ----- | ----- | 2 | 3 |
| 16,243 | ----- | 565 | 224 | ----- | ----- | ----- | 92,350 | 4 | 16 | 662,606 | ----- | ----- | 3 | 4 |
| 996 | 22 | 218 | 269 | ----- | 8,471 | ----- | ----- | 4 | 2 | 318,866 | ----- | ----- | 15 | 5 |
| 3,845 | ----- | 339 | 61 | ----- | ----- | ----- | 12,150 | 3 | 9 | 76,684 | ----- | ----- | 1 | 6 |
| 5,558 | 1,295 | 158 | 119 | 588 | ----- | ----- | ----- | 3 | 2 | 48,565 | ----- | ----- | 5 | 7 |
| 1,848 | 8 | 193 | 23 | 172 | ----- | ----- | ----- | 4 | 4 | 18,450 | ----- | ----- | 6 | 8 |
| 106,259 | 33,950 | 3,368 | 171 | 760 | 40,921 | ----- | 374,950 | 46 | 96 | 3,361,771 | ----- | ----- | 41 | ----- |

MACOUPIN COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|-------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | Ed. A. Bauser..... | Bunker Hill..... | 3,446 | | | | 3,446 |
| 2 | South Mine Coal Co..... | Carlinville..... | 2,613 | | | | 2,273 |
| 3 | Fred Hausman..... | Brighton..... | 1,425 | | | | 1,400 |
| 4 | Challons Coal Co..... | Chesterfield..... | 670 | | | | 610 |
| 5 | John Carlson..... | Chesterfield..... | 666 | | | | 666 |
| 6 | Truitt & Sons..... | Chesterfield..... | 639 | | | | 639 |
| 7 | H. A. Malden..... | Chesterfield..... | 583 | | | | 583 |
| 8 | Claude Pitchford..... | Greenfield..... | 353 | | | | 345 |
| 9 | B. F. Stretch..... | Shelbyville..... | 220 | | | | 220 |
| 10 | Levi Martz..... | Shelbyville..... | 150 | | | | 130 |
| 11 | Roneke & Conlin..... | Carlinville..... | 65 | | | | 65 |
| 11 local mines total..... | | | 10,830 | | | | 10,377 |
| 19 all mines total..... | | | 3,372,601 | 746,441 | 2,396,240 | 2,008 | 87,250 |

MONTGOMERY COUNTY

| SHIPPING MINES. | | | | | | | |
|-----------------------------|--|----------------|---------|---------|---------|-------|--------|
| 1 | Indiana & Illinois Coal Corp., No. 10..... | Nokomis..... | 358,912 | 222,270 | 125,967 | ----- | 1,289 |
| 2 | Hillsboro Coal Co., No. 1..... | Hillsboro..... | 190,759 | 94,053 | 47,228 | ----- | 37,988 |
| 2 shipping mines total..... | | | 549,671 | 316,323 | 173,195 | ----- | 39,277 |

SHELBY COUNTY

| SHIPPING MINE. | | | | | | | |
|---------------------------|----------------------------|------------------|--------|-------|-------|-------|--------|
| 1 | Erie Sootless Coal Co..... | Moweaqua..... | 10,362 | 2,000 | ----- | ----- | 6,762 |
| LOCAL MINES. | | | | | | | |
| 1 | J. G. Root & Co..... | Shelbyville..... | 6,317 | ----- | ----- | ----- | 6,317 |
| 2 | Arch Tallman, No. 2..... | Shelbyville..... | 3,261 | ----- | ----- | ----- | 3,161 |
| 3 | Arch Tallman, No. 1..... | Shelbyville..... | 3,095 | ----- | ----- | ----- | 3,020 |
| 4 | Auld & Cruit..... | Shelbyville..... | 3,005 | ----- | ----- | ----- | 3,005 |
| 5 | Ralph Gallagher..... | Mode..... | 1,379 | ----- | ----- | ----- | 1,360 |
| 6 | W. M. Mangel..... | Neoga..... | 500 | ----- | ----- | ----- | 500 |
| 7 | Clarence Sterner..... | Mode..... | 500 | ----- | ----- | ----- | 500 |
| 8 | Tubb Coal Co..... | Shelbyville..... | 460 | ----- | ----- | ----- | 457 |
| 9 | Okaw Coal Co..... | Shelbyville..... | 410 | ----- | ----- | ----- | 400 |
| 10 | Edw. Rieff..... | Mode..... | 338 | ----- | ----- | ----- | 338 |
| 11 | Walter A. Cushman..... | Mode..... | 296 | ----- | ----- | ----- | 290 |
| 12 | A. P. Heinz..... | Shelbyville..... | 150 | ----- | ----- | ----- | 144 |
| 13 | E. A. Harlow..... | Shelbyville..... | 80 | ----- | ----- | ----- | 65 |
| 14 | Ben Anderson..... | Shelbyville..... | 60 | ----- | ----- | ----- | 60 |
| 14 local mines total..... | | | 19,851 | ----- | ----- | ----- | 19,617 |
| 15 all mines total..... | | | 30,213 | 2,000 | ----- | ----- | 26,379 |

SIXTH DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 240 | 100 | 12 | 167 | 40 | — | — | — | 1 | — | 3,446 | — | — | — | 1 |
| 25 | — | 23 | 30 | 23 | — | — | — | 1 | — | 2,613 | — | — | — | 2 |
| 60 | — | 8 | 200 | 94 | — | — | — | — | — | — | 1,425 | — | — | 3 |
| — | — | 5 | 110 | 78 | — | — | — | — | — | — | 670 | — | — | 4 |
| — | — | 4 | 90 | 40 | — | — | — | — | — | — | 666 | — | — | 5 |
| — | — | 4 | 80 | 32 | — | — | — | — | — | — | 639 | — | — | 6 |
| — | — | 5 | 144 | 49 | — | — | — | — | — | — | 583 | — | — | 7 |
| 8 | — | 2 | 120 | 40 | — | — | — | — | — | — | 353 | — | — | 8 |
| — | — | 5 | 75 | — | — | — | — | — | — | — | 220 | — | — | 9 |
| 20 | — | 3 | 90 | — | — | — | — | — | — | — | 150 | — | — | 10 |
| — | — | 2 | 60 | 5 | — | — | — | — | — | — | 65 | — | — | 11 |
| 333 | 100 | 73 | 106 | 401 | — | — | — | 2 | — | 6,059 | 4,771 | — | — | — |
| 106,612 | 34,050 | 3,441 | 133 | 1,161 | 40,921 | — | 374,950 | 48 | 96 | 3,367,830 | 4,771 | — | — | 41 |

SIXTH DISTRICT.

| | | | | | | | | | | | | | | |
|--------|-------|-----|-----|-------|--------|---|-------|----|----|---------|---|---|----|---|
| 450 | 8,936 | 565 | 145 | 14 | 83,200 | — | 2,400 | 9 | 21 | 358,912 | — | — | — | 1 |
| 10,552 | 938 | 231 | 208 | 1,678 | — | — | — | 6 | 5 | 190,759 | — | — | 15 | 2 |
| 11,002 | 9,874 | 796 | 177 | 1,692 | 83,200 | — | 2,400 | 15 | 26 | 549,671 | — | — | 15 | — |

SIXTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|---|-----|-----|---|---|---|-------|---|---|--------|--------|-----|---|----|
| 1,600 | — | 71 | 64 | — | — | — | 6,650 | 4 | 1 | 10,362 | — | — | 3 | 1 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | 23 | 312 | — | — | — | — | — | — | — | 6,317 | — | — | 1 |
| 100 | — | 14 | 163 | — | — | — | — | — | — | — | 3,261 | — | — | 2 |
| 75 | — | 14 | 155 | — | — | — | — | — | — | — | 3,095 | — | — | 3 |
| — | — | 20 | 237 | — | — | — | — | — | — | — | 3,005 | — | — | 4 |
| 19 | — | 10 | 240 | — | — | — | — | — | — | — | 1,379 | — | — | 5 |
| — | — | 5 | 100 | — | — | — | — | — | — | — | — | 500 | — | 6 |
| — | — | 6 | 125 | — | — | — | — | — | — | — | 500 | — | — | 7 |
| 3 | — | 8 | 160 | — | — | — | — | — | — | — | 460 | — | — | 8 |
| 10 | — | 4 | 90 | — | — | — | — | — | — | — | 410 | — | — | 9 |
| — | — | 5 | 100 | — | — | — | — | — | — | — | 338 | — | — | 10 |
| 6 | — | 7 | 58 | — | — | — | — | — | — | — | 296 | — | — | 11 |
| 6 | — | 6 | 58 | — | — | — | — | — | — | — | 150 | — | — | 12 |
| 15 | — | 2 | 120 | — | — | — | — | — | — | — | 80 | — | — | 13 |
| — | — | 2 | 40 | — | — | — | — | — | — | — | 60 | — | — | 14 |
| 234 | — | 126 | 140 | — | — | — | — | — | — | — | 19,351 | 500 | — | — |
| 1,834 | — | 197 | 135 | — | — | — | 6,650 | 4 | 1 | 10,362 | 19,351 | 500 | 3 | — |

SIXTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|-----------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Macoupin..... | 8 | 3,361,771 | 746,441 | 2,396,240 | 2,008 | 76,873 | 106,259 | 33,950 |
| Montgomery..... | 2 | 549,671 | 316,323 | 173,195 | ----- | 39,277 | 11,002 | 9,874 |
| Shelby..... | 1 | 10,362 | 2,000 | ----- | ----- | 6,762 | 1,600 | ----- |
| Total..... | 11 | 3,921,804 | 1,064,764 | 2,569,435 | 2,008 | 122,912 | 118,861 | 43,824 |

LOCAL MINES

| | | | | | | | | |
|---------------|----|--------|-------|-------|-------|--------|-------|-------|
| Greene..... | 25 | 15,522 | ----- | ----- | ----- | 14,574 | 948 | ----- |
| Jersey..... | 10 | 2,380 | ----- | ----- | ----- | 2,363 | 17 | ----- |
| Macoupin..... | 11 | 10,850 | ----- | ----- | ----- | 10,377 | 353 | 100 |
| Shelby..... | 14 | 19,851 | ----- | ----- | ----- | 19,617 | 234 | ----- |
| Total..... | 60 | 48,583 | ----- | ----- | ----- | 46,931 | 1,552 | 100 |

ALL MINES

| | | | | | | | | |
|-----------------|----|-----------|-----------|-----------|-------|---------|---------|--------|
| Greene..... | 25 | 15,522 | ----- | ----- | ----- | 14,574 | 948 | ----- |
| Jersey..... | 10 | 2,380 | ----- | ----- | ----- | 2,363 | 17 | ----- |
| Macoupin..... | 19 | 3,372,601 | 746,441 | 2,396,240 | 2,008 | 87,250 | 106,612 | 34,050 |
| Montgomery..... | 2 | 549,671 | 316,323 | 173,195 | ----- | 39,277 | 11,002 | 9,870 |
| Shelby..... | 15 | 30,213 | 2,000 | ----- | ----- | 26,379 | 1,834 | ----- |
| Total..... | 71 | 3,970,387 | 1,064,764 | 2,569,435 | 2,008 | 169,843 | 120,413 | 43,924 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|---------------------|---------------------------------|--------------------------|----------------|-------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissible—pounds. | | | Machine. | Hand. | Stripping. | |
| 3,368 | 171 | 760 | 40,921 | ----- | 374,950 | 46 | 96 | 3,361,771 | ----- | ----- | 41 |
| 796 | 177 | 1,692 | 83,200 | ----- | 2,400 | 15 | 26 | 549,671 | ----- | ----- | 15 |
| 71 | 64 | ----- | ----- | ----- | 6,650 | 4 | 1 | 10,362 | ----- | ----- | 3 |
| 4,235 | 162 | 2,452 | 124,121 | ----- | 384,000 | 65 | 123 | 3,921,804 | ----- | ----- | 59 |

SIXTH DISTRICT.

| | | | | | | | | | | | |
|-----|-----|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| 102 | 122 | 738 | ----- | ----- | ----- | ----- | ----- | 15,522 | ----- | ----- | ----- |
| 36 | 122 | 22 | ----- | ----- | ----- | ----- | ----- | 2,290 | ----- | 90 | ----- |
| 73 | 106 | 401 | ----- | ----- | ----- | 2 | ----- | 6,059 | 4,771 | ----- | ----- |
| 126 | 140 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 19,351 | 500 | ----- |
| 337 | 123 | 1,161 | ----- | ----- | ----- | 2 | ----- | 6,059 | 41,934 | 590 | ----- |

SIXTH DISTRICT.

| | | | | | | | | | | | |
|-------|-----|-------|---------|-------|---------|-------|-------|-----------|--------|-------|-------|
| 102 | 122 | 738 | ----- | ----- | ----- | ----- | ----- | 15,522 | ----- | ----- | ----- |
| 36 | 122 | 22 | ----- | ----- | ----- | ----- | ----- | 2,290 | ----- | 90 | ----- |
| 3,441 | 133 | 1,161 | 40,921 | ----- | 374,950 | 48 | 96 | 3,367,830 | 4,771 | ----- | 41 |
| 796 | 177 | 1,692 | 83,200 | ----- | 2,400 | 15 | 26 | 549,671 | ----- | ----- | 15 |
| 197 | 135 | ----- | ----- | ----- | 6,650 | 4 | 1 | 10,362 | 19,351 | 500 | 3 |
| 4,572 | 129 | 3,613 | 124,121 | ----- | 384,000 | 67 | 123 | 3,927,863 | 41,934 | 590 | 59 |

SEVENTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Seventh Inspection District, comprising the coal producing counties of Bond, Crawford, Jasper, Madison, Marion and Richland, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 6 | 3 | 3 | 4 | 4 |
| Number of shipping mines..... | 10 | 10 | 12 | 12 | 15 |
| Number of local mines..... | 36 | 21 | 12 | 10 | 8 |
| Number of employees underground..... | 2,355 | 2,214 | 2,391 | 1,997 | 2,842 |
| Number of employees on surface..... | 421 | 369 | 292 | 281 | 377 |
| Total number employed..... | 2,776 | 2,583 | 2,683 | 2,278 | 3,219 |
| Tons of coal produced in shipping mines..... | 1,663,887 | 1,549,275 | 1,320,089 | 1,505,906 | 2,670,745 |
| Tons of coal produced in local mines..... | 280,045 | 175,131 | 80,655 | 67,312 | 69,971 |
| Tons of coal produced, total..... | 1,943,932 | 1,724,406 | 1,400,744 | 1,573,218 | 2,740,716 |
| Days operated, shipping mines, average..... | 126 | 135 | 120 | 125 | 137 |
| Days operated, local mines, average..... | 130 | 153 | 172 | 140 | 113 |
| Number of undercutting machines..... | 73 | 70 | 75 | 83 | 133 |
| Tons undercut..... | 1,803,171 | 1,640,526 | 1,306,110 | 1,408,218 | 2,624,706 |
| Tons mined by hand..... | 112,217 | 83,880 | 94,634 | 165,000 | 116,010 |
| Tons mined in strip mines..... | 28,544 | | | | |
| Number of loading machines used..... | 60 | 88 | 143 | 115 | 187 |
| Tons loaded mechanically..... | 1,142,519 | 1,144,014 | 868,085 | 1,002,064 | 1,437,702 |
| Number of fatal accidents..... | 7 | 1 | 4 | 5 | 5 |
| Number of non-fatal accidents..... | 19.5 | 170 | 147 | 150 | 297 |
| Number of employees to each fatality..... | 397 | 2,583 | 671 | 456 | 644 |
| Number employed to each non-fatal accident..... | 14.2 | 15.2 | 18.2 | 15.2 | 10.8 |
| Tons of coal mined to each fatality..... | 277,705 | 1,724,406 | 350,186 | 314,644 | 548,143 |
| Tons mined to each non-fatal accident..... | 9,969 | 14,144 | 9,529 | 10,488 | 9,228 |
| Number of fatalities per 1,000 employed..... | 2.5 | 0.4 | 1.5 | 2.2 | 1.6 |
| Number of injured per 1,000 employed..... | 70.2 | 66.0 | 54.8 | 65.9 | 92.3 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 16 | 5 | 3,431,199 | 61,511 | 3,447 | 91 | 156 | 118 | 6 | 458 | 582,118 |
| 1930..... | 15 | 8 | 2,670,745 | 69,971 | 3,084 | 135 | 137 | 113 | 5 | 297 | 548,143 |
| 1931..... | 12 | 10 | 1,505,906 | 67,312 | 2,141 | 137 | 125 | 140 | 5 | 150 | 314,644 |
| 1932..... | 12 | 12 | 1,320,089 | 80,655 | 2,513 | 170 | 120 | 172 | 4 | 147 | 350,186 |
| 1933..... | 10 | 21 | 1,549,275 | 175,131 | 2,250 | 333 | 135 | 153 | 1 | 170 | 1,724,406 |
| Average for 5 years..... | 13 | 11 | 2,095,443 | 90,916 | 2,687 | 173 | 136 | 146 | 4 | 244 | 520,562 |
| 1934..... | 10 | 36 | 1,663,887 | 280,045 | 2,275 | 501 | 126 | 130 | 7 | 195 | 277,705 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | —3 | +25 | —431,556 | +189,129 | —412 | +328 | —10 | —16 | +3 | —49 | —242,857 |

NEW MINE.

Stiers Bros. Construction Co., at Moro in Madison County.

IDLE MINES.

Henrietta Coal Co., H. T., at Edwardsville in Madison County.

Lumaghi Coal Co., No. 3, at Collinsville in Madison County.

Madison Coal Corp., No. 2, at Glen Carbon in Madison County.

FATAL ACCIDENTS.

February 22, Ben Eccles, miner, age 54 years, married, was killed by a fall of clod in Harrison & Eccles Coal Company's mine. He leaves a widow.

March 22, William Lewis, loader, age 75 years, married, came to his death in Chicopee Coal Company's mine, by inhaling impure air. He leaves a widow.

April 9, Pete Stefani, snubber, age 52 years, married, was killed by a fall of coal in Mt. Olive and Staunton Coal Company's mine. He leaves a widow and one child.

May 1, Phillip Piana, loading machine operator, age 48 years, married, was killed in Mt. Olive & Staunton Coal Company's mine by a fall of slate. He leaves a widow.

August 30, John Tonso, miner, age 49 years, married, was electrocuted by contact of his lamp with a trolley wire while uncoupling a steel car in the Lumaghi Coal Company's No. 2 mine. He leaves a widow and two children.

August 31, Fred Kebble, tracklayer, age 45 years, married, was electrocuted by coming in contact with bare wire while repairing track in the Madison County Coal and Mining Company's No. 4 mine. He leaves a widow and five children.

November 27, Andy Biros, shoveler on under-cutter, age 47 years, married, died as a result of injuries received the day before from a fall of face coal in Mine No. 2 of the Mt. Olive & Staunton Coal Co. He leaves a widow and two children.

Respectfully submitted,

T. ALVIN SCULLY, *Inspector.*

FATAL ACCIDENTS, SEVENTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|----------------|------|---------------------------|--------------|----------------------------------|---------------------------|----------|---------|--------|-----------|-------------|------------------|
| Feb. 22 | Feb. 22 | Ben Eccles. | 54 | Miner. | Alton | Harrison & Eccles. | ----- | 1 | 1 | 1 | 1 | 1 | 1 Fall of cld. |
| Mar. 22 | Mar. 22 | William Lewis. | 75 | Loader. | Troy | Chicopee Coal Co., No. 1. | ----- | 1 | 1 | 1 | 1 | 1 | 1 Asphyxiation. |
| Apr. 9 | Apr. 9 | Pete Stefani. | 52 | Saubber. | Staunton | Mt. Olive & Staunton Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | 1 Fall of coal. |
| May 1 | May 1 | Phillip Piana. | 48 | Loading machine operator. | Staunton | Mt. Olive & Staunton Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | 1 Fall of slate. |
| Aug. 30 | Aug. 30 | John Tonso. | 49 | Miner. | Collinsville | Lumaghi Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | 1 Fall of slate. |
| Aug. 31 | Aug. 31 | Fred Kebble. | 45 | Track layer. | Collinsville | Madison County Coal & Mining Co. | 4 | 1 | 1 | 1 | 1 | 1 | 1 Electrocutted. |
| Nov. 26 | Nov. 27 | Andy Biro. | 47 | Shoveler on undercutter. | Williamson | Mt. Olive & Staunton Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | 1 Fall of coal. |

NON-FATAL ACCIDENTS, SEVENTH DISTRICT.

| Name of operator. | Number injured. | Number not re- turned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | | Loss of 30 or more days. | | | Month in which accident occurred. | |
|--------------------------------------|-----------------|---------------------------|----------------------------|----------|----------------------------------|------------|----------|--------------------------|------------|----------|-----------------------------------|------|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | Days lost. | | | |
| | | | | | | Total. | Average. | | Total. | Average. | | |
| Bunker Hill Coal Co. | 7 | --- | 138 | 20 | 6 | 96 | 16 | 42 | 1 | 42 | January..... | 20 |
| Chicopee Coal Co. | 3 | --- | 92 | 31 | 2 | 46 | 23 | 46 | 1 | 46 | February..... | 10 |
| Illinois-Pocahontas Coal Co., "A." | 6 | --- | 137 | 23 | 5 | 64 | 13 | 73 | 1 | 73 | March..... | 23 |
| Livingston-Mt. Olive Coal Co., No. 1 | 29 | --- | 912 | 31 | 21 | 392 | 19 | 8 | 8 | 520 | April..... | 16 |
| Lumaghin Coal Co., No. 2 | 53 | 9 | 1,257 | 29 | 29 | 482 | 17 | 15 | 15 | 775 | May..... | 8 |
| Madison County C. & M. Co. | 16 | 6 | 143 | 20 | 9 | 143 | 16 | 52 | 1 | 52 | June..... | 8 |
| Marion County Coal Co. | 8 | 1 | 165 | 24 | 6 | 94 | 16 | 1 | 1 | 71 | July..... | 6 |
| Mt. Olive & Staunton Coal Co., No. 2 | 41 | 6 | 1,529 | 44 | 16 | 272 | 17 | 19 | 19 | 1,257 | August..... | 22 |
| Odin Coal Co. | 6 | 3 | 127 | 42 | --- | --- | --- | 3 | 3 | 127 | September..... | 20 |
| Shipping mines. | 169 | 25 | 4,552 | 32 | 94 | 1,589 | 17 | 50 | 50 | 2,963 | October..... | 19 |
| Local mines. | 26 | 1 | 592 | 24 | 21 | 341 | 16 | 4 | 4 | 251 | November..... | 19 |
| Total | 195 | 26 | 5,144 | 30 | 115 | 1,930 | 17 | 54 | 54 | 3,214 | December..... | 21 |
| | | | | | | | | | | 60 | Total..... | *195 |

* Includes 3 accidents not reported by month in which they occurred.

BOND COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------|-----------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| SHIPPING MINE. | | | | | | | |
| 1 | Illinois Pocahontas Coal Co. | Pocahontas | 28,612 | 20,376 | 2,455 | ----- | 3,404 |

CRAWFORD COUNTY

| LOCAL MINES. | | | | | | | |
|--------------------------|-----------------------|----------------|-------|-------|-------|-------|-------|
| 1 | Caley & Blair..... | Palestine..... | 3,231 | ----- | ----- | ----- | 3,000 |
| 2 | Jess L. McCammon..... | Palestine..... | 1,805 | ----- | ----- | ----- | 1,800 |
| 3 | Ikemire & Core..... | Palestine..... | 300 | ----- | ----- | ----- | 210 |
| 4 | J. H. Carver..... | Palestine..... | 142 | ----- | ----- | ----- | 142 |
| 5 | W. D. McColpin..... | Robinson..... | 109 | ----- | ----- | ----- | 90 |
| 5 local mines total..... | | | 5,578 | ----- | ----- | ----- | 5,242 |

JASPER COUNTY

| LOCAL MINES. | | | | | | | |
|--------------------------|----------------------|-------------|-----|-------|-------|-------|-----|
| 1 | Joseph Jourdan..... | Newton..... | 150 | ----- | ----- | ----- | 145 |
| 2 | Jourdan & Lytle..... | Newton..... | 130 | ----- | ----- | ----- | 125 |
| 2 local mines total..... | | | 280 | ----- | ----- | ----- | 270 |

MADISON COUNTY

| SHIPPING MINES. | | | | | | | |
|-----------------------------|---|-------------------|-----------|-----------|--------|-------|---------|
| 1 | Mt. Olive & Staunton Coal Co., No. 2..... | Staunton..... | 584,226 | 563,203 | ----- | ----- | 5,011 |
| 2 | Lumaghi Coal Co., No. 2..... | Collinsville..... | 373,006 | 284,711 | 33,362 | ----- | 56,517 |
| 3 | The Livingston-Mt. Olive Coal Co., No. 1..... | Livingston..... | 186,524 | 96,545 | 34,334 | ----- | 37,718 |
| 4 | Madison County Coal & Mining Co..... | Ewardsville..... | 110,797 | 100,040 | 2,447 | ----- | 810 |
| 5 | Chicopee Coal Co..... | Troy..... | 49,964 | 6,293 | ----- | ----- | 24,187 |
| 6 | Stiers Bros. Construction Co..... | Moro..... | 28,109 | 7,746 | 6,629 | ----- | 9,225 |
| 7 | Bullock Mining Co..... | Collinsville..... | 15,887 | 3,802 | ----- | ----- | 11,179 |
| 7 shipping mines total..... | | | 1,342,513 | 1,062,340 | 76,772 | ----- | 138,647 |
| LOCAL MINES. | | | | | | | |
| 1 | Collinsville Coal Corp..... | Collinsville..... | 67,322 | ----- | ----- | ----- | 62,222 |
| 2 | Bunker Hill Coal & Mining Co..... | Collinsville..... | 45,514 | ----- | ----- | ----- | 41,944 |
| 3 | Sugar Loaf Coal Corp..... | Collinsville..... | 34,738 | ----- | ----- | ----- | 30,056 |
| 4 | Glen Carbon Coal Co..... | Collinsville..... | 30,646 | ----- | ----- | ----- | 27,766 |
| 5 | Hardscabble Coal Co..... | Collinsville..... | 24,621 | ----- | ----- | ----- | 23,621 |
| 6 | Buxton Coal Co..... | Collinsville..... | 16,268 | ----- | ----- | ----- | 15,343 |

SEVENTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 1,800 | 577 | 163 | 58 | ----- | 11,650 | 25 | ----- | 6 | 1 | 28,612 | ----- | ----- | 6 | 1 |

SEVENTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 231 | ----- | 7 | 250 | 129 | ----- | ----- | ----- | ----- | ----- | ----- | 3,231 | ----- | ----- | 1 |
| 5 | ----- | 7 | 182 | 168 | ----- | ----- | ----- | ----- | ----- | ----- | 1,805 | ----- | ----- | 2 |
| 90 | ----- | 5 | 90 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 300 | ----- | 3 |
| ----- | ----- | 4 | 70 | 56 | ----- | ----- | ----- | ----- | ----- | ----- | 142 | ----- | ----- | 4 |
| 10 | ----- | 2 | 100 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | 5 |
| 336 | ----- | 25 | 138 | 353 | ----- | ----- | ----- | ----- | ----- | ----- | 5,178 | 400 | ----- | ----- |

SEVENTH DISTRICT.

| | | | | | | | | | | | | | | |
|----|-------|---|----|----|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|
| 5 | ----- | 5 | 65 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | 150 | ----- | ----- | 1 |
| 5 | ----- | 4 | 45 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | 130 | ----- | ----- | 2 |
| 10 | ----- | 9 | 55 | 45 | ----- | ----- | ----- | ----- | ----- | ----- | 280 | ----- | ----- | ----- |

SEVENTH DISTRICT.

| | | | | | | | | | | | | | |
|--------|--------|-------|-----|-------|--------|-------|-------|-------|---------|-----------|--------|--------|----|
| 16,012 | ----- | 550 | 225 | 2,398 | ----- | 2,275 | 12 | 9 | 584,226 | ----- | ----- | 24 | 1 |
| 4,416 | ----- | 366 | 205 | 621 | 74,500 | ----- | 8 | 14 | 373,006 | ----- | ----- | 5 | 2 |
| 7,316 | 4,611 | 349 | 142 | 1,350 | ----- | ----- | 9 | 7 | 180,524 | ----- | ----- | 1 | 3 |
| 5,400 | 2,100 | 203 | 110 | 1,067 | ----- | ----- | 5 | 7 | 110,797 | ----- | ----- | 1 | 4 |
| 5,580 | 13,904 | 111 | 99 | ----- | 6,600 | ----- | 2 | 2 | 49,964 | ----- | ----- | 8 | 5 |
| ----- | 4,509 | 24 | 107 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 28,109 | ----- | 6 |
| 120 | 786 | 59 | 85 | 580 | ----- | ----- | ----- | ----- | ----- | 15,887 | ----- | 5 | 7 |
| 38,844 | 25,910 | 1,662 | 139 | 6,016 | 81,100 | ----- | 2,275 | 36 | 39 | 1,298,517 | 15,887 | 28,109 | 44 |
| 3,800 | 1,300 | 65 | 212 | ----- | 10,000 | ----- | 3 | ----- | 67,322 | ----- | ----- | ----- | 1 |
| 750 | 2,820 | 62 | 203 | 365 | ----- | ----- | 2 | ----- | 45,514 | ----- | ----- | ----- | 2 |
| 1,190 | 3,492 | 38 | 227 | 226 | ----- | ----- | ----- | ----- | ----- | 34,738 | ----- | ----- | 3 |
| 2,880 | ----- | 19 | 312 | 302 | ----- | ----- | 2 | ----- | 30,646 | ----- | ----- | ----- | 4 |
| 800 | 200 | 44 | 191 | 411 | ----- | ----- | 2 | ----- | 24,621 | ----- | ----- | ----- | 5 |
| 925 | ----- | 25 | 185 | 542 | ----- | ----- | ----- | ----- | ----- | 16,268 | ----- | ----- | 6 |

MADISON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|--------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 7 | East Side Coal Co..... | Edwardsville..... | 11,185 | ----- | ----- | ----- | 10,000 |
| 8 | Klondike Coal Co..... | Worden..... | 9,389 | ----- | ----- | ----- | 8,624 |
| 9 | Henrietta Coal Co., "Hen"..... | Edwardsville..... | 8,560 | ----- | ----- | ----- | 7,065 |
| 10 | Carlin Coal & Mining Co..... | Bethalto..... | 7,932 | ----- | ----- | ----- | 7,232 |
| 11 | Culp Grove Coal Co..... | Alton..... | 4,255 | ----- | ----- | ----- | 4,055 |
| 12 | Moro Coal Co..... | Moro..... | 4,201 | ----- | ----- | ----- | 4,201 |
| 13 | Hillside Coal Co..... | Bethalto..... | 3,254 | ----- | ----- | ----- | 3,254 |
| 14 | Draper-Johnson..... | Alton..... | 2,020 | ----- | ----- | ----- | 1,898 |
| 15 | Warren W. Wilson..... | Godfrey..... | 1,140 | ----- | ----- | ----- | 1,140 |
| 16 | Gerdts Coal Co..... | Godfrey..... | 815 | ----- | ----- | ----- | 811 |
| 17 | Vanduker Coal Co..... | Bethalto..... | 509 | ----- | ----- | ----- | 509 |
| 18 | Panama Coal Co..... | Bethalto..... | 454 | ----- | ----- | ----- | 452 |
| 19 | Joe Jackson..... | Alton..... | 410 | ----- | ----- | ----- | 410 |
| 20 | Mussel & McCully Coal Co..... | Alton..... | 368 | ----- | ----- | ----- | 365 |
| 21 | Ernst H. Rink..... | Alton..... | 250 | ----- | ----- | ----- | 245 |
| 22 | Warren Sisk..... | Alton..... | 102 | ----- | ----- | ----- | 102 |
| 23 | Sherman Coal Co..... | Bethalto..... | 80 | ----- | ----- | ----- | 80 |
| 24 | Cripple Creek Coal Co..... | Alton..... | 30 | ----- | ----- | ----- | 30 |
| 25 | Cherrier Bros..... | Bethalto..... | 28 | ----- | ----- | ----- | 26 |
| 26 | Wm. Frederick..... | Alton..... | 23 | ----- | ----- | ----- | 23 |
| 27 | Frank Knezik..... | Alton..... | 22 | ----- | ----- | ----- | 22 |
| 28 | V. Renner & Wm. Skreber..... | Alton..... | 16 | ----- | ----- | ----- | 10 |
| 28 local mines total..... | | | 274,152 | ----- | ----- | ----- | 251,506 |
| 35 all mines total..... | | | 1,616,665 | 1,062,340 | 76,772 | ----- | 390,153 |

MARION COUNTY

| SHIPPING MINES. | | | | | | |
|-----------------------------|----------------------------|-------------|---------|---------|--------|--------|
| 1 | Marion County Coal Co..... | Marion..... | 241,578 | 148,602 | 51,871 | 20,058 |
| 2 | Odin Coal Co..... | Odin..... | 51,184 | 13,125 | 15,355 | 11,525 |
| 2 shipping mines total..... | | ----- | 292,762 | 161,727 | 67,226 | 31,583 |

RICHLAND COUNTY

| LOCAL MINE. | | | | | | |
|-------------|-----------------------|--------------|----|-------|-------|----|
| 1 | Bartley & Harper..... | Calhoun..... | 35 | ----- | ----- | 35 |

SEVENTH DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | |
| 530 | 655 | 21 | 172 | 456 | ----- | ----- | ----- | ----- | ----- | ----- | 11,185 | ----- | 7 |
| 765 | ----- | 13 | 166 | 132 | ----- | ----- | ----- | 1 | ----- | 6,470 | 2,919 | ----- | 8 |
| 861 | 634 | 50 | 45 | ----- | 1,300 | ----- | ----- | ----- | ----- | ----- | 8,560 | ----- | 9 |
| 500 | 200 | 23 | 159 | 51 | 3,800 | 50 | ----- | 1 | ----- | 4,396 | 3,536 | ----- | 10 |
| 200 | ----- | 11 | 205 | 50 | ----- | ----- | ----- | 1 | ----- | 4,255 | ----- | ----- | 11 |
| ----- | ----- | 10 | 145 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | 4,201 | ----- | 12 |
| ----- | ----- | 13 | 200 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | 3,254 | ----- | 13 |
| 122 | ----- | 9 | 181 | 55 | ----- | ----- | ----- | ----- | ----- | ----- | 2,020 | ----- | 14 |
| ----- | ----- | 4 | 160 | 28 | ----- | ----- | ----- | ----- | ----- | ----- | 1,140 | ----- | 15 |
| 4 | ----- | 10 | 189 | 26 | ----- | 100 | ----- | ----- | ----- | ----- | 815 | ----- | 16 |
| ----- | ----- | 6 | 100 | 47 | ----- | ----- | ----- | 1 | ----- | 359 | 150 | ----- | 17 |
| 2 | ----- | 7 | 78 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | 454 | ----- | 18 |
| ----- | ----- | 2 | 180 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | 410 | ----- | 19 |
| 3 | ----- | 4 | 140 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 368 | ----- | 20 |
| 5 | ----- | 3 | 90 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | 250 | ----- | 21 |
| ----- | ----- | 3 | 51 | 10 | ----- | ----- | ----- | ----- | ----- | ----- | 102 | ----- | 22 |
| ----- | ----- | 2 | 90 | ----- | 25 | ----- | ----- | ----- | ----- | ----- | 80 | ----- | 23 |
| ----- | ----- | 3 | 30 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 30 | ----- | 24 |
| 2 | ----- | 11 | 51 | 1 | ----- | ----- | ----- | ----- | ----- | ----- | 28 | ----- | 25 |
| ----- | ----- | 4 | 8 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 23 | ----- | 26 |
| ----- | ----- | 1 | 30 | 1 | ----- | ----- | ----- | ----- | ----- | ----- | 22 | ----- | 27 |
| 6 | ----- | 2 | 13 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | 16 | ----- | 28 |
| 13,345 | 9,301 | 465 | 137 | 2,846 | 15,125 | 150 | ----- | 13 | ----- | 183,583 | 90,569 | ----- | ----- |
| 52,189 | 35,211 | 2,127 | 137 | 8,862 | 96,225 | 150 | 2,275 | 49 | 39 | 1,482,100 | 106,456 | 28,109 | 44 |

SEVENTH DISTRICT.

| | | | | | | | | | | | | | |
|--------|-------|-----|-----|-------|-------|--------|----|---|---------|-------|-------|----|-------|
| 11,600 | 9,447 | 253 | 143 | ----- | ----- | 43,850 | 8 | 6 | 241,578 | ----- | ----- | 18 | 1 |
| 10,675 | 504 | 197 | 84 | 529 | ----- | ----- | 10 | 2 | 50,881 | 303 | ----- | 17 | 2 |
| 22,275 | 9,951 | 450 | 114 | 529 | ----- | 43,850 | 18 | 8 | 292,459 | 303 | ----- | 35 | ----- |

SEVENTH DISTRICT.

| | | | | | | | | | | | | | |
|-------|-------|---|----|-------|-------|----|-------|-------|-------|-------|----|-------|---|
| ----- | ----- | 2 | 80 | ----- | ----- | 15 | ----- | ----- | ----- | ----- | 35 | ----- | 1 |
|-------|-------|---|----|-------|-------|----|-------|-------|-------|-------|----|-------|---|

SEVENTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|--------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Bond..... | 1 | 28,612 | 20,376 | 2,455 | ----- | 3,404 | 1,800 | 577 |
| Madison..... | 7 | 1,342,513 | 1,062,340 | 76,772 | ----- | 138,647 | 38,844 | 25,910 |
| Marion..... | 2 | 292,762 | 161,727 | 67,226 | ----- | 31,583 | 22,275 | 9,951 |
| Total..... | 10 | 1,663,887 | 1,244,443 | 146,453 | ----- | 173,634 | 62,919 | 36,438 |

LOCAL MINES

| | | | | | | | | |
|---------------|----|---------|-------|-------|-------|---------|--------|-------|
| Crawford..... | 5 | 5,578 | ----- | ----- | ----- | 5,242 | 336 | ----- |
| Jasper..... | 2 | 280 | ----- | ----- | ----- | 270 | 10 | ----- |
| Madison..... | 28 | 274,152 | ----- | ----- | ----- | 251,506 | 13,345 | 9,301 |
| Richland..... | 1 | 35 | ----- | ----- | ----- | 35 | ----- | ----- |
| Total..... | 36 | 280,045 | ----- | ----- | ----- | 257,053 | 13,691 | 9,301 |

ALL MINES

| | | | | | | | | |
|---------------|----|-----------|-----------|---------|-------|---------|--------|--------|
| Bond..... | 1 | 28,612 | 20,376 | 2,455 | ----- | 3,404 | 1,800 | 577 |
| Crawford..... | 5 | 5,578 | ----- | ----- | ----- | 5,242 | 336 | ----- |
| Jasper..... | 2 | 280 | ----- | ----- | ----- | 270 | 10 | ----- |
| Madison..... | 35 | 1,616,665 | 1,062,340 | 76,772 | ----- | 390,153 | 52,189 | 35,211 |
| Marion..... | 2 | 292,762 | 161,727 | 67,226 | ----- | 31,583 | 22,275 | 9,951 |
| Richland..... | 1 | 35 | ----- | ----- | ----- | 35 | ----- | ----- |
| Total..... | 46 | 1,943,932 | 1,244,443 | 146,453 | ----- | 430,687 | 76,610 | 45,739 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|----------------|--------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 163 | 58 | ----- | 11,650 | 25 | ----- | 6 | 1 | 28,612 | ----- | ----- | 6 |
| 1,662 | 139 | 6,016 | 81,100 | ----- | 2,275 | 36 | 39 | 1,298,517 | 15,887 | 28,109 | 44 |
| 450 | 114 | 529 | ----- | ----- | 43,850 | 18 | 8 | 292,459 | 303 | ----- | 35 |
| 2,275 | 126 | 6,545 | 92,750 | 25 | 46,125 | 60 | 48 | 1,619,588 | 16,190 | 28,109 | 85 |

SEVENTH DISTRICT.

| | | | | | | | | | | | |
|-----|-----|-------|--------|-------|-------|-------|-------|---------|--------|-------|-------|
| 25 | 138 | 353 | ----- | ----- | ----- | ----- | ----- | ----- | 5,178 | 400 | ----- |
| 9 | 55 | 45 | ----- | ----- | ----- | ----- | ----- | ----- | 280 | ----- | ----- |
| 465 | 137 | 2,846 | 15,125 | 150 | ----- | 13 | ----- | 183,583 | 90,569 | ----- | ----- |
| 2 | 80 | ----- | ----- | 15 | ----- | ----- | ----- | ----- | ----- | 35 | ----- |
| 501 | 130 | 3,244 | 15,125 | 165 | ----- | 13 | ----- | 183,583 | 96,027 | 435 | ----- |

SEVENTH DISTRICT.

| | | | | | | | | | | | |
|-------|-----|-------|---------|-------|--------|-------|-------|-----------|---------|--------|-------|
| 163 | 58 | ----- | 11,650 | 25 | ----- | 6 | 1 | 28,612 | ----- | ----- | 6 |
| 25 | 138 | 353 | ----- | ----- | ----- | ----- | ----- | ----- | 5,178 | 400 | ----- |
| 9 | 55 | 45 | ----- | ----- | ----- | ----- | ----- | ----- | 280 | ----- | ----- |
| 2,127 | 137 | 8,862 | 96,225 | 150 | 2,275 | 49 | 39 | 1,482,100 | 106,456 | 28,109 | 44 |
| 450 | 114 | 529 | ----- | ----- | 43,850 | 18 | 8 | 292,459 | 303 | ----- | 35 |
| 2 | 80 | ----- | ----- | 15 | ----- | ----- | ----- | ----- | ----- | 35 | ----- |
| 2,776 | 129 | 9,789 | 107,875 | 190 | 46,125 | 73 | 48 | 1,803,171 | 112,217 | 28,544 | 85 |

EIGHTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eighth Inspection District, comprising the coal producing counties of Clinton, Monroe and St. Clair, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 3 | 3 | 3 | 2 | 2 |
| Number of shipping mines..... | 25 | 26 | 30 | 28 | 30 |
| Number of local mines..... | 47 | 45 | 33 | 25 | 22 |
| Number of employees underground..... | 3,188 | 3,017 | 2,989 | 2,882 | 3,123 |
| Number of employees on surface..... | 540 | 550 | 506 | 547 | 535 |
| Total number employed..... | 3,728 | 3,567 | 3,495 | 3,429 | 3,658 |
| Tons of coal produced in shipping mines..... | 2,328,014 | 2,269,978 | 1,905,835 | 2,613,653 | 2,507,507 |
| Tons of coal produced in local mines..... | 464,899 | 374,432 | 357,601 | 348,497 | 305,044 |
| Tons of coal produced, total..... | 2,792,913 | 2,644,410 | 2,263,436 | 2,962,150 | 2,812,551 |
| Days operated, shipping mines, average..... | 147 | 119 | 96 | 130 | 116 |
| Days operated, local mines, average..... | 146 | 132 | 147 | 171 | 167 |
| Number of undereutting machines..... | 66 | 63 | 69 | 58 | 56 |
| Tons undercut..... | 1,392,014 | 1,363,828 | 1,002,158 | 1,507,848 | 1,404,741 |
| Tons mined by hand..... | 1,337,769 | 1,190,468 | 1,008,328 | 1,084,318 | 1,132,490 |
| Tons mined in strip mines..... | 63,130 | 90,114 | 252,950 | 369,984 | 275,320 |
| Number of loading machines used..... | 49 | 54 | 97 | 131 | 123 |
| Tons loaded mechanically..... | 740,470 | 804,215 | 815,936 | 1,458,202 | 1,333,580 |
| Number of fatal accidents..... | 4 | 3 | 2 | 8 | 3 |
| Number of non-fatal accidents..... | 166 | 125 | 112 | 194 | 219 |
| Number of employees to each fatality..... | 932 | 1,189 | 1,747 | 429 | 1,219 |
| Number employed to each non-fatal accident..... | 22.5 | 28.5 | 31.2 | 17.7 | 16.7 |
| Tons of coal mined to each fatality..... | 698,228 | 881,470 | 1,131,718 | 370,269 | 937,517 |
| Tons mined to each non-fatal accident..... | 16,825 | 21,155 | 20,209 | 15,269 | 12,843 |
| Number of fatalities per 1,000 employed..... | 1.1 | 0.8 | .6 | 2.3 | .82 |
| Number injured per 1,000 employed..... | 44.5 | 35.0 | 32 | 56.6 | 59.8 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 32 | 20 | 3,130,415 | 215,869 | 3,447 | 331 | 138 | 144 | 5 | 290 | 669,257 |
| 1930..... | 30 | 22 | 2,507,507 | 305,044 | 3,253 | 405 | 116 | 167 | 3 | 219 | 937,517 |
| 1931..... | 28 | 25 | 2,613,653 | 348,497 | 2,924 | 505 | 130 | 171 | 8 | 194 | 370,269 |
| 1932..... | 30 | 33 | 1,905,835 | 357,601 | 2,886 | 609 | 96 | 147 | 2 | 112 | 1,131,718 |
| 1933..... | 26 | 45 | 2,269,978 | 374,432 | 2,787 | 780 | 119 | 132 | 3 | 125 | 881,470 |
| Average for 5 years..... | 29 | 29 | 2,485,478 | 320,289 | 3,059 | 526 | 120 | 149 | 4 | 188 | 668,040 |
| 1934..... | 25 | 47 | 2,328,014 | 464,455 | 2,967 | 761 | 147 | 146 | 4 | 166 | 698,228 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | —4 | +18 | —157,464 | +144,166 | —92 | +235 | —27 | —3 | — | —22 | +30,188 |

CHANGE OF NAME.

Devils Hole Coal Co. to Hippard Coal Co., No. 2, Belleville in St. Clair County.

Kolb Coal Co., to Yoch Coal Co., Mascoutah in St. Clair County.

SHIPPING MINES THAT OPERATED AS LOCAL MINES.

Fullerton Coal Co., Belleville in St. Clair County.

Hippard Coal Co., No. 1, Belleville in St. Clair County.

Hippard Coal Co., No. 2, Belleville in St. Clair County.

H. E. Miller Coal Co., O'Fallon in St. Clair County.

New National Coal Co., Belleville in St. Clair County.

Southern Coal, Coke & Mining Co., No. 6, Belleville in St. Clair County.

Yoch Coal Co., Mascoutah in St. Clair County.

IDLE MINES.

Alcoa Ore Co., Belleville in St. Clair County.

Breese Trenton Mining Co., Breese in Clinton County.

Perry Coal Co., "Taylor," O'Fallon in St. Clair County.

Southern Coal, Coke & Mining Co., No. 8, Belleville in St. Clair County.

Summit Coal Co., Belleville in St. Clair County.

FATAL ACCIDENTS.

March 9, Jule Rensing, miner, age 51 years, married, was killed by a fall of coal in Southern Coal Coke & Mining Company's No. 9 mine. He leaves a widow and one child.

June 9, E. C. Allen, bottom boss, age 51 years, married, was crushed to death between motor and car in St. Louis and O'Fallon Coal Company's mine No. 2. He leaves a widow.

August 10, William Dreyer, miner, age 69 years, married, was killed by a runaway loaded car in the Golden Rule Coal Company's mine. He leaves a widow.

December 30, John Thomas, miner, age 62 years, single, was killed when he fell in front of a moving string of three loaded cars in the Richland mine of the Groom Coal Co.

Respectfully submitted,

DAVID T. STUART, *Inspector.*

FATAL ACCIDENTS, EIGHTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|----------------|------|-------------|--------------|----------------------------------|---------------------------|----------|---------|--------|-----------|-------------|-----------------|
| Mar. 9 | 9 | Jule Rensing | 51 | Miner | German town | Southern Coal, Coke & Mining Co. | 9 | 1 | 1 | 1 | 1 | 2 | Fall of coal. |
| June 9 | 9 | E. C. Allen | 51 | Bottom boss | Collinsville | St. Louis & O'Fallon Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | Pit cars. |
| Aug. 10 | 10 | William Dreyer | 69 | Miner | Lenzburg | Golden Rule Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | Pit cars. |
| Dec. 30 | 30 | John Thomas | 62 | Miner | Belleville | Groom Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | Pit cars. |

CLINTON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------|---|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| | SHIPPING MINES. | | | | | | |
| 1 | Southern Coal, Coke & Mining Co., No. 9 | New Baden | 149,092 | 123,435 | 5,426 | | 9,719 |
| 2 | Citizens Coal Co., "E" | Breese | 79,239 | 37,958 | | | 37,526 |
| 3 | Beckemeyer Coal Co. | Beckemeyer | 55,919 | 17,764 | 453 | | 32,120 |
| | 3 shipping mines total | | 284,250 | 179,157 | 5,879 | | 79,365 |

MONROE COUNTY

| LOCAL MINES. | | | | | | |
|--------------|----------------------------------|---------------|-----|-------|-------|-----|
| 1 | Columbia & Waterloo Coal Co..... | Columbia..... | 444 | ----- | ----- | 333 |

ST. CLAIR COUNTY

| SHIPPING MINES. | | | | | | | |
|------------------------------|--|-------------------|-----------|---------|---------|--------|---------|
| 1 | St. Louis & O'Fallon Coal Co., No. 2..... | E. St. Louis..... | 420,774 | 240,286 | 143,179 | 1,614 | 4,142 |
| 2 | Perry Coal Co., "St. Ellen"..... | O'Fallon..... | 370,692 | 168,687 | 12,812 | ----- | 180,639 |
| 3 | Southern Coal, Coke & Mining Co., No. 7..... | Belleville..... | 151,779 | 65,080 | ----- | ----- | 79,927 |
| 4 | Gundlach Coal Co..... | E. St. Louis..... | 134,932 | 76,013 | 32,536 | 1,567 | 20,676 |
| 5 | Groom Coal Co..... | Belleville..... | 90,939 | 18,601 | ----- | 21,571 | 44,478 |
| 6 | Prairie Coal Co..... | Belleville..... | 84,963 | 15,497 | ----- | ----- | 55,648 |
| 7 | Perry Coal Co., "Carbon"..... | O'Fallon..... | 83,067 | 3,473 | 43,698 | ----- | 34,328 |
| 8 | Vinegar Hill Coal Co..... | Lenzburg..... | 78,974 | 74,319 | ----- | ----- | 1,929 |
| 9 | Golden Rule Coal Co..... | Lenzburg..... | 74,056 | 57,133 | 14,218 | ----- | 1,340 |
| 10 | Service Coal Co..... | Belleville..... | 71,941 | 5,771 | ----- | ----- | 58,481 |
| 11 | Mulberry Hill Coal Co..... | Freeburg..... | 66,922 | 12,375 | 497 | ----- | 48,216 |
| 12 | White Coal Co..... | Belleville..... | 66,481 | 11,441 | ----- | ----- | 54,142 |
| 13 | O. K. Coal Co..... | Marissa..... | 63,660 | 51,339 | 9,981 | ----- | ----- |
| 14 | Gill Coal Co..... | Marissa..... | 54,733 | 49,527 | 1,200 | ----- | 2,056 |
| 15 | Freeburg Coal Co..... | Freeburg..... | 46,800 | 8,580 | ----- | ----- | 35,780 |
| 16 | Rentchler Coal & Mining Co..... | Belleville..... | 45,437 | 1,000 | ----- | ----- | 37,083 |
| 17 | Quality Coal & Mining Co..... | Belleville..... | 40,984 | 4,070 | ----- | ----- | 33,296 |
| 18 | Guest Coal Co..... | Belleville..... | 38,203 | 2,608 | ----- | ----- | 30,943 |
| 19 | Eldnar Coal Co..... | Belleville..... | 27,386 | 5,081 | ----- | ----- | 20,105 |
| 20 | Lenzburg Coal Co..... | Lenzburg..... | 26,683 | 23,757 | 1,750 | ----- | 1,050 |
| 21 | Jones Bros. Coal & Mining Co., No. 1..... | Marissa..... | 4,040 | 1,942 | ----- | ----- | 1,858 |
| 22 | United Electric Coal Co., No. 13..... | Freeburg..... | 318 | 113 | 205 | ----- | ----- |
| 22 shipping mines total..... | | | 2,043,764 | 896,693 | 260,076 | 24,752 | 746,117 |
| LOCAL MINES. | | | | | | | |
| 1 | New National Coal & Mining Co..... | Belleville..... | 49,522 | ----- | ----- | ----- | 49,498 |
| 2 | F. C. Morgan Coal Co., No. 1..... | Millstadt..... | 40,355 | ----- | ----- | ----- | 40,355 |
| 3 | Bell Heat Coal Co..... | Belleville..... | 35,580 | ----- | ----- | ----- | 35,480 |
| 4 | Crown Coal Co..... | Freeburg..... | 32,277 | ----- | ----- | ----- | 31,227 |
| 5 | East Bell Coal Co..... | Belleville..... | 29,482 | ----- | ----- | ----- | 29,457 |
| 6 | Southern Coal, Coke & Mining Co., No. 1..... | Belleville..... | 28,134 | ----- | ----- | ----- | 28,134 |

EIGHTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 9,390 | 1,122 | 262 | 171 | 1,800 | ----- | ----- | ----- | 12 | 11 | 149,092 | ----- | ----- | ----- | 1 |
| 3,755 | ----- | 112 | 190 | 1,197 | ----- | ----- | ----- | 4 | 2 | 79,239 | ----- | ----- | 6 | 2 |
| 2,897 | 2,685 | 97 | 194 | 400 | ----- | ----- | 2,750 | 3 | 1 | 55,919 | ----- | ----- | 4 | 3 |
| 16,042 | 3,807 | 471 | 185 | 3,397 | ----- | ----- | 2,750 | 19 | 14 | 284,250 | ----- | ----- | 10 | |

EIGHTH DISTRICT.

| | | | | | | | | | | | | |
|-----|-------|---|-----|-------|----|-------|-------|-------|-------|-----|-------|---|
| 111 | ----- | 3 | 111 | ----- | 18 | ----- | ----- | ----- | ----- | 444 | ----- | 1 |
|-----|-------|---|-----|-------|----|-------|-------|-------|-------|-----|-------|---|

EIGHTH DISTRICT.

| | | | | | | | | | | | | | | |
|--------|--------|-------|-----|--------|---------|-------|-------|-------|-------|---------|-----------|--------|-------|----|
| 18,707 | 12,846 | 510 | 162 | 4,257 | 1,200 | ----- | ----- | 22 | 10 | 420,774 | ----- | ----- | 19 | 1 |
| 4,990 | 3,564 | 235 | 267 | ----- | ----- | ----- | ----- | 6 | 8 | 370,692 | ----- | ----- | 16 | 2 |
| 6,307 | 465 | 123 | 176 | 6,825 | ----- | ----- | ----- | ----- | 2 | ----- | 151,779 | ----- | 24 | 3 |
| ----- | 4,140 | 129 | 165 | ----- | 60,000 | ----- | ----- | ----- | 3 | 134,932 | ----- | ----- | 11 | 4 |
| 3,000 | 3,289 | 106 | 198 | ----- | 75,000 | ----- | ----- | 7 | 2 | 30,000 | 60,939 | ----- | 7 | 5 |
| 3,000 | 10,818 | 171 | 107 | 33,275 | 46,500 | ----- | ----- | ----- | 3 | ----- | 84,963 | ----- | 2 | 6 |
| 1,138 | 430 | 111 | 144 | 4,131 | ----- | ----- | ----- | ----- | 1 | ----- | 83,067 | ----- | 7 | 7 |
| 2,310 | 416 | 65 | 145 | 3,631 | ----- | ----- | ----- | ----- | 1 | ----- | 78,974 | ----- | 4 | 8 |
| 1,175 | 190 | 66 | 151 | 1,727 | 24,350 | ----- | ----- | ----- | 2 | ----- | 74,056 | ----- | 4 | 9 |
| 1,300 | 6,389 | 95 | 215 | 2,659 | ----- | ----- | ----- | ----- | 1 | ----- | 71,941 | ----- | 5 | 10 |
| 2,250 | 3,584 | 73 | 133 | 2,400 | ----- | ----- | ----- | ----- | 1 | ----- | 66,922 | ----- | 5 | 11 |
| 898 | ----- | 87 | 177 | 3,165 | ----- | ----- | ----- | ----- | 2 | ----- | 66,481 | ----- | 5 | 12 |
| 2,340 | ----- | 143 | 103 | 3,157 | ----- | ----- | ----- | ----- | 2 | ----- | 63,660 | ----- | 7 | 13 |
| 1,200 | 750 | 119 | 106 | 2,250 | ----- | ----- | ----- | ----- | 1 | ----- | 54,733 | ----- | 7 | 14 |
| 2,440 | ----- | 70 | 183 | 2,540 | ----- | ----- | ----- | ----- | 1 | ----- | 46,800 | ----- | 4 | 15 |
| 2,354 | 5,000 | 56 | 194 | 1,092 | 23,000 | ----- | ----- | ----- | 1 | ----- | 45,437 | ----- | 3 | 16 |
| 40 | 3,578 | 72 | 136 | 1,160 | 3,950 | ----- | ----- | ----- | 1 | ----- | 40,984 | ----- | 5 | 17 |
| 1,250 | 3,402 | 85 | 132 | 276 | ----- | ----- | ----- | 4 | ----- | 38,203 | ----- | ----- | 4 | 18 |
| 2,200 | ----- | 44 | 128 | 1,100 | ----- | ----- | ----- | ----- | ----- | ----- | 27,386 | ----- | 2 | 19 |
| 126 | ----- | 57 | 84 | 486 | 12,500 | ----- | ----- | ----- | 1 | ----- | 26,683 | ----- | 3 | 20 |
| 240 | ----- | 51 | 19 | 161 | ----- | ----- | ----- | ----- | ----- | ----- | 4,040 | ----- | 6 | 21 |
| ----- | ----- | 28 | 1 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 318 | ----- | 22 |
| 57,265 | 58,861 | 2,496 | 142 | 74,292 | 246,500 | ----- | ----- | 37 | 48 | 994,601 | 1,048,845 | 318 | 156 | |
| 24 | ----- | 60 | 202 | 80 | 4,725 | ----- | ----- | 2 | ----- | 49,522 | ----- | 40,355 | ----- | 1 |
| ----- | ----- | 10 | 200 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 2 |
| 100 | ----- | 47 | 223 | 517 | ----- | ----- | ----- | 3 | ----- | 28,144 | 7,436 | ----- | ----- | 3 |
| 1,050 | ----- | 24 | 216 | 762 | 14,300 | ----- | ----- | ----- | ----- | ----- | 32,277 | ----- | ----- | 4 |
| 25 | ----- | 48 | 179 | 1,200 | ----- | ----- | ----- | ----- | ----- | ----- | 29,482 | ----- | ----- | 5 |
| ----- | ----- | 50 | 138 | 999 | ----- | ----- | ----- | ----- | ----- | ----- | 28,134 | ----- | ----- | 6 |

ST. CLAIR COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|---|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 7 | Schubert Coal Co. | Mascoutah | 20,133 | ----- | ----- | ----- | 20,133 |
| 8 | Tower Grove Coal Co. | Belleville | 19,525 | ----- | ----- | ----- | 17,825 |
| 9 | Patterson Harding Coal Co. | Belleville | 16,750 | ----- | ----- | ----- | 10,967 |
| 10 | Edgemont Coal Co. | Edgemont Sta | 16,709 | ----- | ----- | ----- | 16,689 |
| 11 | Pep Coal Co. | New Athens | 15,469 | ----- | ----- | ----- | 12,878 |
| 12 | Pioneer Coal Co. | Belleville | 18,250 | ----- | ----- | ----- | 13,250 |
| 13 | Drift Coal Co. | Caseyville | 13,044 | ----- | ----- | ----- | 11,914 |
| 14 | F. C. Morgan Coal Co., No. 2 | Millstadt | 12,829 | ----- | ----- | ----- | 12,829 |
| 15 | Hill Coal Co. | Freeburg | 11,688 | ----- | ----- | ----- | 9,000 |
| 16 | New St. Clair Coal Co. | Caseyville | 11,364 | ----- | ----- | ----- | 10,200 |
| 17 | Hippard Coal Co., No. 2 | Caseyville | 10,421 | ----- | ----- | ----- | 9,046 |
| 18 | William Travis | Belleville | 10,376 | ----- | ----- | ----- | 10,376 |
| 19 | Safety First Coal Co. | Freeburg | 9,759 | ----- | ----- | ----- | 9,059 |
| 20 | East Side Coal Co. | Freeburg | 9,350 | ----- | ----- | ----- | 9,150 |
| 21 | Wildwood Coal Co. | Freeburg | 8,550 | ----- | ----- | ----- | 8,550 |
| 22 | Howard E. Miller | Caseyville | 6,373 | ----- | ----- | ----- | 5,339 |
| 23 | Hippard Coal Co., No. 1 | Belleville | 5,176 | ----- | ----- | ----- | 4,076 |
| 24 | Fullerton Coal Co. | Belleville | 4,893 | ----- | ----- | ----- | 4,393 |
| 25 | West Side Coal Co. | Marissa | 4,520 | ----- | ----- | ----- | 4,000 |
| 26 | Reinheimer Slope Mine | Freeburg | 4,315 | ----- | ----- | ----- | 3,815 |
| 27 | Lill Coal Co. | Millstadt | 4,036 | ----- | ----- | ----- | 3,000 |
| 28 | Southern Coal, Coke & Mining Co., No. 6 | Belleville | 2,379 | ----- | ----- | ----- | 2,379 |
| 29 | M. B. Watland | Millstadt | 2,144 | ----- | ----- | ----- | 2,144 |
| 30 | Jacob Mayer | Belleville | 2,055 | ----- | ----- | ----- | 2,055 |
| 31 | Old Grossman Coal Co. | Belleville | 1,500 | ----- | ----- | ----- | 1,200 |
| 32 | Blue Blaze Coal Co. | Millstadt | 1,208 | ----- | ----- | ----- | 1,208 |
| 33 | Schubert Coal Co. | Millstadt | 1,179 | ----- | ----- | ----- | 1,137 |
| 34 | Edward A. Yoch | Mascoutah | 1,165 | ----- | ----- | ----- | 1,165 |
| 35 | Roma Coal Co. | Edgemont Sta | 1,050 | ----- | ----- | ----- | 1,030 |
| 36 | K. E. Guthertz | Millstadt | 1,048 | ----- | ----- | ----- | 1,048 |
| 37 | R. L. Schorr | Millstadt | 965 | ----- | ----- | ----- | 900 |
| 38 | New Athens Coal Co. | New Athens | 962 | ----- | ----- | ----- | 750 |
| 39 | Charles A. Weiters | Millstadt | 900 | ----- | ----- | ----- | 900 |
| 40 | Millstadt Coal Mine | Millstadt | 885 | ----- | ----- | ----- | 885 |
| 41 | J. A. Lehmann | Belleville | 796 | ----- | ----- | ----- | 796 |
| 42 | New Prospect Park Coal Co. | Edgemont Sta | 700 | ----- | ----- | ----- | 600 |
| 43 | Rock Creek Coal Co. | Belleville | 540 | ----- | ----- | ----- | 480 |
| 44 | Fred Ziska | East St. Louis | 509 | ----- | ----- | ----- | 509 |
| 45 | Midway Coal Co. | Freeburg | 430 | ----- | ----- | ----- | 230 |
| 46 | Fred Stitzel, Jr. | Millstadt | 160 | ----- | ----- | ----- | 160 |
| 46 local mines total | | | 464,455 | ----- | ----- | ----- | 440,216 |
| 68 all mines total | | | 2,508,219 | 896,693 | 260,076 | 24,752 | 1,186,333 |

EIGHTH DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 800 | 900 | 28 | 151 | 539 | | | | 1 | | 9,538 | 10,595 | | | 7 |
| 200 | 5,583 | 29 | 163 | 809 | | | | | | | 19,525 | | | 8 |
| 20 | | 30 | 200 | 832 | | | | | | | 16,750 | | | 9 |
| 600 | 1,991 | 36 | 112 | 816 | | | | | | | 16,709 | | | 10 |
| | | 17 | 180 | 817 | | | | | | | 15,469 | | | 11 |
| 50 | 1,080 | 20 | 150 | 45 | | | | 1 | | 13,250 | | | | 12 |
| | | 19 | 201 | 670 | | | | | | | 13,044 | | | 13 |
| | | 12 | 70 | | | | | | | | | 12,829 | | 14 |
| 10 | 2,678 | 12 | 242 | 253 | | | | | | | 11,688 | | | 15 |
| 500 | 664 | 15 | 184 | 600 | | | | | | | 11,364 | | | 16 |
| 375 | 1,000 | 30 | 65 | | | | | 1 | | 3,497 | 6,924 | | | 17 |
| | | 12 | 275 | 316 | | | | | | | 10,376 | | | 18 |
| 700 | | 14 | 176 | 318 | | | | | | | 9,759 | | | 19 |
| 200 | | 11 | 190 | 440 | | | | | | | 9,350 | | | 20 |
| | | 9 | 240 | 450 | | | | | | | 8,550 | | | 21 |
| 600 | 434 | 10 | 300 | 245 | | | | | | | 6,373 | | | 22 |
| 300 | 800 | 16 | 42 | 26 | | | | 1 | | 5,176 | | | | 23 |
| 500 | | 10 | 116 | 176 | | | | | | | 4,893 | | | 24 |
| 520 | | 9 | 150 | 255 | | | | | | | 4,520 | | | 25 |
| 500 | | 9 | 148 | 232 | | | | | | | 4,315 | | | 26 |
| 450 | 586 | 10 | 200 | 80 | | | | 1 | | 4,036 | | | | 27 |
| | | 70 | 12 | 92 | | | | | | | 2,379 | | | 28 |
| | | 2 | 150 | | | | | | | | | 2,144 | | 29 |
| | | 4 | 120 | | | | | | | | | 2,055 | | 30 |
| 300 | | 7 | 90 | 12 | | | | | | | | 1,500 | | 31 |
| | | 6 | 44 | | 600 | | | | | | 1,208 | | | 32 |
| 42 | | 5 | 140 | | | | | | | | | 1,179 | | 33 |
| | | 22 | 12 | 21 | 350 | | | | | | 1,165 | | | 34 |
| 20 | | 3 | 200 | | 2,500 | | | | | | 1,050 | | | 35 |
| | | 5 | 110 | | | | | | | | 1,048 | | | 36 |
| 40 | 25 | 4 | 150 | | | | | | | | | 965 | | 37 |
| 8 | 204 | 5 | 41 | 42 | | | | | | | 962 | | | 38 |
| | | 3 | 62 | | | | | | | | | 900 | | 39 |
| | | 2 | 114 | 5 | | | | | | | | 885 | | 40 |
| | | 2 | 200 | | 300 | | | | | | 796 | | | 41 |
| 100 | | 7 | 70 | 14 | | | | | | | 700 | | | 42 |
| 10 | 50 | 5 | 75 | 30 | | | | | | | 540 | | | 43 |
| | | 1 | 300 | 35 | | | | | | | 509 | | | 44 |
| 200 | | 6 | 35 | 25 | | | | | | | 430 | | | 45 |
| | | 2 | 120 | | | | | | | | 160 | | | 46 |
| 8,244 | 15,995 | 758 | 147 | 11,758 | 22,775 | | | 10 | | 113,163 | 288,480 | 62,812 | | |
| 65,509 | 74,856 | 3,254 | 145 | 86,045 | 269,275 | | | 47 | 48 | 1,107,764 | 1,337,325 | 63,130 | 156 | |

EIGHTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|----------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Clinton..... | 3 | 284,250 | 179,157 | 5,879 | ----- | 79,365 | 16,042 | 3,807 |
| St. Clair..... | 22 | 2,043,764 | 896,693 | 260,076 | 24,752 | 746,117 | 57,265 | 58,861 |
| Total..... | 25 | 2,328,014 | 1,075,850 | 265,955 | 24,752 | 825,482 | 73,307 | 62,668 |

LOCAL MINES

| | | | | | | | | |
|----------------|----|---------|-------|-------|-------|---------|-------|--------|
| Monroe..... | 1 | 444 | ----- | ----- | ----- | 333 | 111 | ----- |
| St. Clair..... | 46 | 464,455 | ----- | ----- | ----- | 440,216 | 8,244 | 15,995 |
| Total..... | 47 | 464,899 | ----- | ----- | ----- | 440,549 | 8,355 | 15,995 |

ALL MINES

| | | | | | | | | |
|----------------|----|-----------|-----------|---------|--------|-----------|--------|--------|
| Clinton..... | 3 | 284,250 | 179,157 | 5,879 | ----- | 79,365 | 16,042 | 3,807 |
| Monroe..... | 1 | 444 | ----- | ----- | ----- | 333 | 111 | ----- |
| St. Clair..... | 68 | 2,508,219 | 896,693 | 260,076 | 24,752 | 1,186,333 | 65,509 | 74,856 |
| Total..... | 72 | 2,792,913 | 1,075,850 | 265,955 | 24,752 | 1,266,031 | 81,662 | 78,663 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|----------------|-----------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 471 | 185 | 3,397 | ----- | ----- | 2,750 | 19 | 14 | 284,250 | ----- | ----- | 10 |
| 2,496 | 142 | 74,292 | 246,500 | ----- | ----- | 37 | 48 | 994,601 | 1,048,845 | 318 | 156 |
| 2,967 | 147 | 77,689 | 246,500 | ----- | 2,750 | 56 | 62 | 1,278,851 | 1,048,845 | 318 | 166 |

EIGHTH DISTRICT.

| | | | | | | | | | | | | |
|-----|-----|--------|--------|-------|-------|-------|-------|---------|---------|--------|-------|-------|
| 3 | 111 | ----- | 18 | ----- | ----- | ----- | ----- | ----- | 444 | ----- | ----- | ----- |
| 758 | 147 | 11,753 | 22,775 | ----- | ----- | 10 | ----- | 113,163 | 288,480 | 62,812 | ----- | ----- |
| 761 | 146 | 11,753 | 22,793 | ----- | ----- | 10 | ----- | 113,163 | 288,924 | 62,812 | ----- | ----- |

EIGHTH DISTRICT.

| | | | | | | | | | | | | |
|-------|-----|--------|---------|-------|-------|-------|-------|-----------|-----------|--------|-------|-------|
| 471 | 185 | 3,397 | ----- | ----- | 2,750 | 19 | 14 | 284,250 | ----- | ----- | ----- | 10 |
| 3 | 111 | ----- | 18 | ----- | ----- | ----- | ----- | ----- | 444 | ----- | ----- | ----- |
| 3,254 | 145 | 86,045 | 269,275 | ----- | ----- | 47 | 48 | 1,107,764 | 1,337,325 | 63,130 | ----- | 156 |
| 3,728 | 147 | 89,442 | 269,293 | ----- | 2,750 | 66 | 62 | 1,392,014 | 1,337,769 | 63,130 | ----- | 166 |

NINTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph and Washington, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 4 | 4 | 4 | 4 | 4 |
| Number of shipping mines..... | 31 | 27 | 22 | 20 | 20 |
| Number of local mines..... | 53 | 56 | 51 | 50 | 41 |
| Number of employees underground..... | 2,813 | 2,777 | 2,628 | 2,687 | 2,999 |
| Number of employees on surface..... | 1,469 | 1,395 | 1,271 | 1,266 | 1,176 |
| Total number employed..... | 4,282 | 4,172 | 3,899 | 3,953 | 4,175 |
| Tons of coal produced in shipping mines..... | 5,249,945 | 4,373,839 | 4,932,338 | 5,670,295 | 6,223,747 |
| Tons of coal produced in local mines..... | 112,806 | 124,247 | 123,429 | 111,824 | 115,236 |
| Tons of coal produced, total..... | 5,362,751 | 4,498,086 | 5,055,767 | 5,782,119 | 6,338,983 |
| Days operated, shipping mines, average..... | 124 | 106 | 109 | 128 | 157 |
| Days operated, local mines, average..... | 117 | 129 | 147 | 133 | 123 |
| Number of undercutting machines..... | 114 | 110 | 98 | 112 | 113 |
| Tons undercut..... | 2,194,893 | 1,561,838 | 1,521,693 | 2,297,682 | 2,875,169 |
| Tons mined by hand..... | 205,250 | 162,703 | 145,038 | 233,301 | 407,156 |
| Tons mined in strip mines..... | 2,962,608 | 2,773,545 | 3,389,036 | 3,251,136 | 3,056,658 |
| Number of loading machines used..... | 52 | 57 | 43 | 66 | 67 |
| Tons loaded mechanically..... | 1,216,757 | 919,347 | 914,429 | 1,598,622 | 1,927,087 |
| Number of fatal accidents..... | 4 | 8 | 4 | 9 | 7 |
| Number of non-fatal accidents..... | 173 | 162 | 131 | 172 | 276 |
| Number of employees to each fatality..... | 1,071 | 521 | 975 | 439 | 596 |
| Number employed to each non-fatal accident..... | 24.8 | 25.7 | 29.8 | 23 | 15 |
| Tons of coal mined to each fatality..... | 1,340,688 | 562,261 | 1,263,942 | 642,458 | 905,569 |
| Tons mined to each non-fatal accident..... | 30,999 | 27,766 | 38,593 | 33,617 | 22,967 |
| Number of fatalities per 1,000 employed..... | 0.9 | 1.9 | 1.03 | 2.3 | 1.7 |
| Number of injured per 1,000 employed..... | 40.4 | 38.8 | 33.6 | 43.5 | 66.1 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 21 | 42 | 5,489,701 | 118,180 | 4,011 | 273 | 158 | 124 | 10 | 323 | 560,788 |
| 1930..... | 20 | 41 | 6,223,747 | 115,236 | 3,915 | 260 | 157 | 123 | 7 | 276 | 905,569 |
| 1931..... | 20 | 50 | 5,670,295 | 111,824 | 3,650 | 303 | 128 | 133 | 9 | 172 | 642,458 |
| 1932..... | 22 | 51 | 4,932,338 | 123,429 | 3,563 | 336 | 109 | 147 | 4 | 131 | 1,263,942 |
| 1933..... | 27 | 56 | 4,373,839 | 124,247 | 3,878 | 294 | 106 | 129 | 8 | 162 | 562,261 |
| Average for 5 years.. | 22 | 48 | 5,337,984 | 118,583 | 3,803 | 293 | 130 | 132 | 8 | 213 | 717,969 |
| 1934..... | 31 | 53 | 5,249,945 | 112,806 | 3,965 | 317 | 124 | 117 | 4 | 173 | 1,340,688 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | +9 | +5 | —88,039 | —5,777 | +162 | +24 | —6 | —15 | —4 | +40 | +622,719 |

NEW MINES.

Conant Coal Co., Conant in Perry County.
Talbot Coalery Co., Duquoin in Perry County.

OLD MINES REOPENED.

Bois Coal Co., Dubois in Washington County.
Southern Gem, No. 10, Cutler in Perry County.

CHANGE OF NAME.

Mathis Coal Co. to Imperial Coal Co., Tamaroa in Perry County.
Southern Gem No. 10 to Whip-Poor-Will Coal & Mining Co.,
Cutler in Perry County.

IDLE MINES.

Jackson Coal Co., Hallidayboro in Jackson County.
Little Muddy Coal Co., DeSoto in Jackson County.

FATAL ACCIDENTS.

January 12, William Barnes, driver, age 49 years, single, was killed by falling rock in St. Louis Coal Company's mine. He leaves his father dependent.

February 7, John Smith, loader, age 47 years, married, was killed by falling coal in Clarkson Coal Mining Company's mine. He leaves a widow and one child.

April 21, Thomas Roseberry, driver, age 35 years, married, was killed in Moffatt Coal Company's mine by pit cars. He leaves a widow.

November 14, George Bertges, timberman, age 58 years, married, was killed by a fall of slate in Mine No. 5 of the Centralia Coal Co. He leaves a widow.

Respectfully submitted,

LEONARD FORESTER, *Inspector.*

FATAL ACCIDENTS, NINTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number or letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|------------------|------|-------------|--------------|---------------------------|---------------------------|----------|---------|--------|-----------|-------------|------------------|
| Jan. 12 | Jan. 12 | William Barnes | 49 | Driver | Coulterville | St. Louis Coal Co. | --- | 1 | --- | --- | --- | 1 | 1 Fall of rock. |
| Feb. 7 | Feb. 7 | John Smith | 47 | Loader | Nashville | Clarkson Coal Mining Co. | --- | 1 | 1 | --- | 1 | 2 | 2 Fall of coal. |
| Apr. 21 | Apr. 21 | Thomas Roseberry | 35 | Driver | Sparta | Moffat Coal Co. | --- | 1 | --- | 1 | --- | 1 | 1 Pit cars. |
| Nov. 14 | Nov. 14 | George Bertges | 53 | Timberman | Centralia | Centralia Coal Co. | 5 | 1 | --- | --- | --- | 1 | 1 Fall of slate. |

NON-FATAL ACCIDENTS, NINTH DISTRICT.

| Name of operator. | Number injured. | Number not re- turned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | Loss of 30 or more days. | | Month in which accident occurred. | | |
|----------------------------------|-----------------|---------------------------|-------------------------------|----------|-------------------------------------|------------|--------------------------|--------------------|--------------------------------------|------------|----------|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | | Days lost. | |
| | | | | | | Total. | Average. | | | Total. | Average. |
| Bois Coal Co. | 1 | | 10 | 10 | 1 | 10 | | 219 | January | | |
| Centralia Coal Co., No. 5 | 10 | 3 | 259 | 37 | 2 | 40 | 20 | 44 | February | | |
| Clarkson Coal & Mining Co. | 2 | 1 | 42 | 42 | | | | 42 | March | | |
| Coal Stripping Co., No. 1 | 14 | 3 | 292 | 27 | 8 | 132 | 16 | 53 | April | | |
| Coutterville Coal Co. | 13 | | 219 | 17 | 11 | 146 | 13 | 37 | May | | |
| Cresar-Chinch Coal Co., No. 14 | 25 | 2 | 776 | 34 | 17 | 241 | 14 | 89 | June | | |
| Cutler Coal Co., Inc. | 7 | 1 | 153 | 26 | 3 | 34 | 11 | 124 | July | | |
| Home Coal Co. | 1 | | 32 | 32 | 3 | | | 32 | August | | |
| Jones Bros. Coal Co. | 3 | | 113 | 38 | 1 | 27 | 27 | 86 | September | | |
| Moffat Coal Co. | 28 | 4 | 730 | 30 | 17 | 350 | 21 | 7 | October | | |
| Pyramid Coal Corp. | 10 | 3 | 219 | 31 | 3 | 50 | 17 | 169 | November | | |
| Ring Coal Co. | 1 | | 171 | 171 | | | | 171 | December | | |
| St. Louis Coal Co. | 11 | | 272 | 25 | 8 | 156 | 20 | 39 | | | |
| Truax-Truer Coal Co., No. 1 | 6 | | 124 | 21 | 5 | 86 | 17 | 38 | | | |
| Truax-Truer Coal Co., No. 2 | 8 | | 123 | 15 | 7 | 93 | 13 | 30 | | | |
| Union Colliery Co. | 14 | 2 | 273 | 23 | 9 | 105 | 12 | 108 | | | |
| United Electric Coal Co., No. 11 | 8 | | 251 | 31 | 2 | 26 | 13 | 225 | | | |
| Whip-Poor-Will Coal & Mining Co. | 2 | 1 | 22 | 22 | 1 | 22 | 22 | 4 | | | |
| Winkle Coal Co. | 7 | | 257 | 37 | 3 | 27 | 9 | 230 | | | |
| Shipping mines. | 171 | 20 | 4,343 | 29 | 98 | 1,545 | 16 | 53 | | | |
| Local mines. | 2 | | 17 | 8 | 2 | 17 | 9 | 2,798 | | | |
| Total | 173 | 20 | 4,360 | 28 | 100 | 1,562 | 16 | 53 | Total | | |
| | | | | | | | | | 173 | | |

JACKSON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|------------------------|------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| SHIPPING MINES. | | | | | | | |
| 1 | Union Colliery Co. | Dowell | 863,248 | 723,209 | 121,905 | | 1,719 |
| 2 | Traux-Traer Coal Co., No. 2 | Elkville | 365,921 | 176,313 | 188,905 | | 703 |
| 3 | Traux-Traer Coal Co., No. 1 | Elkville | 246,864 | 172,340 | 73,443 | | 1,081 |
| 4 | Peacock Coal Co. | Hurst | 3,035 | 1,925 | 216 | | 572 |
| 4 shipping mines total | | | 1,479,068 | 1,073,787 | 384,469 | | 4,075 |
| LOCAL MINES. | | | | | | | |
| 1 | Templeton Coal Co. | Murphysboro | 8,215 | | | | 8,100 |
| 2 | Gus Blair Big Muddy Coal Co. | Murphysboro | 6,234 | | | | 6,100 |
| 3 | J. C. Swafford, No. 1 | Carbondale | 5,250 | | | | 4,550 |
| 4 | Monroe Coal Co. | DeSoto | 4,480 | | | | 4,480 |
| 5 | E. H. Birkner | Oraville | 3,052 | | | | 2,530 |
| 6 | Jackson County Coal Co. | Carbondale | 2,008 | | | | 1,993 |
| 7 | H. S. Phillips | Carbondale | 2,000 | | | | 1,800 |
| 8 | East Side Coal Co. | Carbondale | 1,975 | | | | 1,481 |
| 9 | Carbondale Coal Co. | Carbondale | 1,966 | | | | 1,966 |
| 10 | Maushart & Henderson | Carbondale | 1,920 | | | | 1,280 |
| 11 | New Muddy Valley Coal Co. | DeSoto | 1,558 | | | | 1,458 |
| 12 | W. E. Heiple | Murphysboro | 1,061 | | | | 1,041 |
| 13 | Morgan Coal Co. | Ava | 1,038 | | | | 1,038 |
| 14 | W. K. & W. Coal Co. | Willisville | 1,006 | | | | 1,006 |
| 15 | Campbell Hill Coal Co. | Campbell Hill | 1,005 | | | | 980 |
| 16 | G. A. Replogle & Son | Murphysboro | 700 | | | | 670 |
| 17 | J. C. Swafford, No. 2 | Carbondale | 500 | | | | 350 |
| 18 | Black Cat Coal Co. | Carterville | 400 | | | | 275 |
| 19 | Independent Coal Co. | Carbondale | 380 | | | | 320 |
| 20 | Rigdon & Ditzler | Ava | 376 | | | | 376 |
| 21 | Campbell Hill Brick Co. | Campbell Hill | 375 | | | | 375 |
| 22 | O. K. Coal Co. | Zeigler | 365 | | | | 310 |
| 23 | O. R. Moss Coal Co. | Vergennes | 248 | | | | 248 |
| 24 | Little Muddy Coal Co. | Hurst | 96 | | | | 86 |
| 25 | Krysher Coal Co. | Makanda | 80 | | | | 80 |
| 26 | Poplar Ridge Coal Co. | Carterville | 68 | | | | 68 |
| 27 | Halliday Coal Co. | Campbell Hill | 49 | | | | 49 |
| 28 | Schmidgall Coal Co. | Ava | 40 | | | | 20 |
| 28 local mines total | | | 46,445 | | | | 43,030 |
| 32 all mines total | | | 1,525,513 | 1,073,787 | 384,469 | | 47,105 |

PERRY COUNTY

| | | | | | | | |
|-----------------|------------------------------------|---------------|---------|---------|---------|--------|---------|
| SHIPPING MINES. | | | | | | | |
| 1 | Pyramid Coal Corp. | Pinckneyville | 923,001 | 229,377 | 539,310 | ----- | 149,314 |
| 2 | United Electric Coal Co., No. 11 | DuQuoin | 921,366 | 479,426 | 413,173 | ----- | ----- |
| 3 | Coal Stripping Co., No. 1 | Pinckneyville | 372,142 | 97,979 | 264,937 | ----- | 301 |
| 4 | Crerar Clinch Coal Co., No. 14 | DuQuoin | 332,226 | 203,104 | 104,132 | ----- | 2,846 |
| 5 | Coulterville Coal Co. | Coulterville | 127,970 | 109,432 | 9,365 | ----- | 3,170 |
| 6 | Cutler Coal Co. | Cutler | 103,671 | 97,475 | ----- | ----- | 1,066 |
| 7 | Perfection Coal Co. | DuQuoin | 83,774 | 50,023 | ----- | 21,815 | 11,936 |
| 8 | Crerar Clinch Coal Co., No. 15 | DuQuoin | 45,600 | 35,100 | 6,802 | ----- | 76 |
| 9 | Winkle Coal Co. | Swanwick | 19,676 | 18,943 | ----- | ----- | 430 |
| 10 | Whippoorwill Coal & Mining Co. | Cutler | 17,524 | 12,809 | 2,940 | ----- | 596 |
| 11 | Briar Hill Coal Mining Co., No. 45 | Pinckneyville | 17,041 | 13,624 | 1,761 | ----- | 823 |
| 12 | Beaucoup Coal Co., No. 6 | Pinckneyville | 16,119 | 11,383 | 2,370 | ----- | 2,126 |

NINTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 2,450 | 13,965 | 540 | 186 | ----- | ----- | ----- | 109,950 | 20 | 30 | 863,248 | ----- | 365,921 | 1 | 1 |
| ----- | ----- | 120 | 165 | ----- | 26,550 | 400 | ----- | ----- | ----- | ----- | ----- | 246,864 | 2 | 2 |
| ----- | ----- | 150 | 116 | ----- | 17,500 | 2,200 | ----- | ----- | ----- | ----- | ----- | ----- | 3 | 3 |
| 322 | ----- | 18 | 143 | ----- | 2,450 | ----- | ----- | 1 | ----- | 3,035 | ----- | ----- | 1 | 4 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 2,772 | 13,965 | 828 | 153 | ----- | 46,500 | 2,600 | 109,950 | 21 | 30 | 866,283 | ----- | 612,785 | 2 | ----- |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 115 | ----- | 14 | 165 | 175 | ----- | ----- | ----- | 1 | ----- | 8,215 | ----- | ----- | ----- | 1 |
| 134 | ----- | 13 | 150 | 66 | ----- | ----- | ----- | 1 | ----- | 6,234 | ----- | ----- | ----- | 2 |
| 700 | ----- | 9 | 160 | 250 | ----- | ----- | ----- | ----- | ----- | ----- | 5,250 | ----- | ----- | 3 |
| ----- | ----- | 8 | 79 | ----- | 4,400 | ----- | ----- | ----- | ----- | ----- | 4,480 | ----- | ----- | 4 |
| 522 | ----- | 5 | 121 | 220 | ----- | ----- | ----- | ----- | ----- | ----- | 3,052 | ----- | ----- | 5 |
| 15 | ----- | 13 | 150 | 79 | ----- | ----- | ----- | ----- | ----- | ----- | 2,008 | ----- | ----- | 6 |
| 200 | ----- | 3 | 183 | 98 | ----- | ----- | ----- | ----- | ----- | ----- | 2,000 | ----- | ----- | 7 |
| 494 | ----- | 10 | 68 | 102 | ----- | ----- | ----- | ----- | ----- | ----- | 1,975 | ----- | ----- | 8 |
| ----- | ----- | 11 | 60 | 110 | ----- | ----- | ----- | ----- | ----- | ----- | 1,966 | ----- | ----- | 9 |
| 640 | ----- | 5 | 128 | 125 | ----- | ----- | ----- | ----- | ----- | ----- | 1,920 | ----- | ----- | 10 |
| 100 | ----- | 9 | 90 | 105 | ----- | ----- | ----- | ----- | ----- | ----- | 1,558 | ----- | ----- | 11 |
| 20 | ----- | 2 | 180 | 34 | ----- | ----- | ----- | ----- | ----- | ----- | 1,061 | ----- | ----- | 12 |
| ----- | ----- | 7 | 112 | 61 | ----- | ----- | ----- | ----- | ----- | ----- | 1,038 | ----- | ----- | 13 |
| ----- | ----- | 3 | 100 | 33 | ----- | ----- | ----- | ----- | ----- | ----- | 1,006 | ----- | ----- | 14 |
| 25 | ----- | 3 | 165 | 68 | ----- | ----- | ----- | ----- | ----- | ----- | 1,005 | ----- | ----- | 15 |
| 30 | ----- | 4 | 140 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | 700 | ----- | ----- | 16 |
| 150 | ----- | 2 | 84 | 32 | ----- | ----- | ----- | ----- | ----- | ----- | 500 | ----- | ----- | 17 |
| 125 | ----- | 7 | 50 | 27 | ----- | ----- | ----- | ----- | ----- | ----- | 400 | ----- | ----- | 18 |
| 60 | ----- | 4 | 90 | 25 | ----- | ----- | ----- | ----- | ----- | ----- | 380 | ----- | ----- | 19 |
| ----- | ----- | 5 | 152 | 7 | ----- | ----- | ----- | ----- | ----- | ----- | 376 | ----- | ----- | 20 |
| ----- | ----- | 9 | 32 | ----- | 250 | ----- | ----- | ----- | ----- | ----- | 375 | ----- | ----- | 21 |
| 55 | ----- | 6 | 73 | 19 | ----- | ----- | ----- | ----- | ----- | ----- | 365 | ----- | ----- | 22 |
| ----- | ----- | 2 | 120 | 15 | ----- | ----- | ----- | ----- | ----- | ----- | 248 | ----- | ----- | 23 |
| 10 | ----- | 4 | 20 | 7 | ----- | ----- | ----- | ----- | ----- | ----- | 96 | ----- | ----- | 24 |
| ----- | ----- | 2 | 45 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | 80 | ----- | ----- | 25 |
| ----- | ----- | 3 | 30 | 6 | ----- | ----- | ----- | ----- | ----- | ----- | 68 | ----- | ----- | 26 |
| ----- | ----- | 3 | 24 | 6 | ----- | ----- | ----- | ----- | ----- | ----- | 49 | ----- | ----- | 27 |
| 20 | ----- | 3 | 20 | 1 | ----- | ----- | ----- | ----- | ----- | ----- | 40 | ----- | ----- | 28 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 3,415 | ----- | 169 | 100 | 1,716 | 4,650 | ----- | ----- | 2 | ----- | 14,449 | 31,996 | ----- | ----- | ----- |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 6,187 | 13,965 | 997 | 106 | 1,716 | 51,150 | 2,600 | 109,950 | 23 | 30 | 880,732 | 31,996 | 612,785 | 2 | ----- |

NINTH DISTRICT.

| | | | | | | | | | | | | | | |
|--------|--------|-------|-------|-------|--------|-------|--------|-------|-------|---------|--------|---------|-------|-------|
| 5,000 | ----- | 211 | 208 | ----- | 55,000 | ----- | ----- | ----- | ----- | ----- | ----- | 923,001 | ----- | 1 |
| 3,360 | 25,407 | 217 | 184 | ----- | 45,675 | 5,750 | 350 | ----- | ----- | ----- | ----- | 921,366 | ----- | 2 |
| 8,023 | 902 | 80 | 185 | ----- | 42,300 | ----- | ----- | ----- | ----- | ----- | ----- | 372,142 | ----- | 3 |
| 11,357 | 10,787 | 650 | 91 | ----- | ----- | ----- | 47,700 | 29 | 14 | 324,946 | 7,280 | ----- | 12 | 4 |
| 4,938 | 1,065 | 187 | 193 | 2,691 | ----- | ----- | ----- | 5 | 2 | 127,970 | ----- | ----- | 7 | 5 |
| 1,718 | 3,412 | 109 | 163 | 1,700 | ----- | ----- | ----- | 5 | 1 | 103,671 | ----- | ----- | 5 | 6 |
| ----- | ----- | 38 | 88 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 83,774 | ----- | 7 |
| 285 | 3,337 | 96 | 32 | ----- | 5,050 | 2,850 | 3,550 | ----- | ----- | ----- | ----- | 45,600 | ----- | 8 |
| 270 | 33 | 95 | 87 | 750 | 1,200 | ----- | ----- | 1 | 1 | 4,582 | 15,094 | ----- | 2 | 9 |
| 1,004 | 175 | 113 | 55 | 842 | ----- | ----- | ----- | ----- | ----- | ----- | 17,524 | ----- | 9 | 10 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 808 | 25 | 104 | 34 | 601 | ----- | ----- | ----- | ----- | 2 | ----- | 17,041 | ----- | 5 | 11 |
| 240 | ----- | 13 | 201 | 804 | ----- | ----- | ----- | ----- | ----- | ----- | 16,119 | ----- | 1 | 12 |

PERRY COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 13 | Ring Coal Co., No. 1..... | Cutler..... | 12,800 | 12,000 | ----- | ----- | ----- |
| 14 | Home Coal Co., No. 8..... | Willisville..... | 10,170 | 7,270 | ----- | ----- | 2,090 |
| 15 | Bailey Bros. Coal Co..... | DuQuoin..... | 4,930 | 1,000 | ----- | ----- | 3,680 |
| 16 | Tamara Coal Co., No. 43..... | Tamara..... | 3,980 | 100 | ----- | ----- | 3,780 |
| 17 | Biby Coal Co..... | Pinckneyville..... | 3,173 | 1,280 | ----- | ----- | 1,893 |
| 18 | Talbot Coalery Co..... | DuQuoin..... | 1,940 | 45 | ----- | ----- | 1,895 |
| 19 | Conant Coal Co..... | Conant..... | 1,927 | 1,707 | ----- | 111 | ----- |
| 20 | Imperial Valley Coal Co..... | Tamara..... | 742 | 200 | ----- | ----- | 442 |
| Shipping mines total..... | | | 3,019,772 | 1,382,277 | 1,344,790 | 21,926 | 186,464 |
| LOCAL MINES. | | | ----- | ----- | ----- | ----- | ----- |
| 1 | Elm Grove Coal Co..... | Cutler..... | 3,888 | ----- | ----- | ----- | 3,588 |
| 2 | Langwith Coal Co..... | Pinckneyville..... | 3,290 | ----- | ----- | ----- | 3,250 |
| 3 | Patrick Coal Co..... | DuQuoin..... | 2,936 | ----- | ----- | ----- | 2,636 |
| 4 | Clausen Coal Co..... | Murphysboro..... | 2,000 | ----- | ----- | ----- | 1,980 |
| 5 | T. J. Howells Coal Co..... | DuQuoin..... | 1,627 | ----- | ----- | ----- | 1,627 |
| 6 | West Park Coal Co..... | DuQuoin..... | 1,565 | ----- | ----- | ----- | 1,315 |
| 7 | Burnett Coal Co..... | DuQuoin..... | 1,101 | ----- | ----- | ----- | 1,101 |
| 8 | Higgerson Coal Co..... | Cutler..... | 1,065 | ----- | ----- | ----- | 1,000 |
| 9 | New Jupiter Coal Co..... | DuQuoin..... | 900 | ----- | ----- | ----- | 900 |
| 10 | Cedar Hill Coal Co..... | DuQuoin..... | 452 | ----- | ----- | ----- | 392 |
| 11 | Square Deal Coal Co..... | Tamara..... | 186 | ----- | ----- | ----- | 166 |
| 12 | Blue Ribbon Coal Co..... | DuQuoin..... | 184 | ----- | ----- | ----- | 184 |
| 12 local mines total..... | | | 19,194 | ----- | ----- | ----- | 18,139 |
| 32 all mines total..... | | | 3,038,966 | 1,382,277 | 1,344,790 | 21,926 | 204,603 |

RANDOLPH COUNTY

| SHIPPING MINES. | | | ----- | ----- | ----- | ----- | ----- |
|-----------------------------|---|-------------------|---------|---------|---------|-------|--------|
| 1 | Moffat Coal Co..... | Sparta..... | 251,433 | 20,756 | 219,412 | ----- | 4,328 |
| 2 | St. Louis Coal Co..... | Coulterville..... | 127,470 | 90,798 | 20,950 | ----- | 3,483 |
| 3 | Jones Bros. Coal Mining Co., No. 2..... | Marissa..... | 35,230 | 29,791 | 3,160 | ----- | 1,234 |
| 4 | Hlmo Coal Co..... | Sparta..... | 21,063 | 13,026 | 5,265 | ----- | 2,503 |
| 4 shipping mines total..... | | | 435,196 | 154,371 | 248,787 | ----- | 11,548 |
| LOCAL MINES. | | | ----- | ----- | ----- | ----- | ----- |
| 1 | Lemon & McKelvey Coal Corp..... | Sparta..... | 12,027 | ----- | ----- | ----- | 11,525 |
| 2 | Syndicate Mining Co..... | Percy..... | 9,520 | ----- | ----- | ----- | 8,870 |
| 3 | Hector Beveridge..... | Sparta..... | 6,695 | ----- | ----- | ----- | 6,495 |
| 4 | Crain Coal Co..... | Percy..... | 4,104 | ----- | ----- | ----- | 3,753 |
| 5 | Blair Coal Co..... | Sparta..... | 4,070 | ----- | ----- | ----- | 3,554 |
| 6 | Stevenson Coal Co..... | Sparta..... | 2,353 | ----- | ----- | ----- | 2,313 |
| 7 | Harris & Robertson..... | Sparta..... | 1,350 | ----- | ----- | ----- | 1,047 |
| 8 | Welshans & West..... | Sparta..... | 1,006 | ----- | ----- | ----- | 766 |
| 9 | Baldwin Coal Co..... | Baldwin..... | 503 | ----- | ----- | ----- | 403 |
| 10 | Black Diamond Coal Co..... | Schuline..... | 461 | ----- | ----- | ----- | 431 |
| 11 | Purity Coal Co..... | Sparta..... | 45 | ----- | ----- | ----- | 20 |
| 11 local mines total..... | | | 42,134 | ----- | ----- | ----- | 39,177 |
| 15 all mines total..... | | | 477,330 | 154,371 | 248,787 | ----- | 50,725 |

NINTH DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 800 | ----- | 17 | 189 | 945 | ----- | ----- | ----- | ----- | ----- | ----- | 12,800 | ----- | 2 | 13 |
| 810 | ----- | 22 | 91 | 82 | ----- | ----- | ----- | 1 | 1 | 10,170 | ----- | ----- | 2 | 14 |
| 250 | ----- | 15 | 133 | 205 | ----- | ----- | ----- | ----- | ----- | ----- | 4,930 | ----- | 2 | 15 |
| 100 | ----- | 10 | 160 | 147 | ----- | ----- | ----- | ----- | ----- | ----- | 3,980 | ----- | 2 | 16 |
| ----- | ----- | 17 | 91 | 158 | ----- | ----- | ----- | ----- | ----- | ----- | 3,173 | ----- | 1 | 17 |
| ----- | ----- | 6 | 48 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 1,940 | ----- | 18 |
| 109 | ----- | 9 | 109 | 96 | ----- | ----- | ----- | 1 | ----- | 1,927 | ----- | ----- | ----- | 19 |
| 100 | ----- | 15 | 15 | 38 | ----- | ----- | ----- | ----- | ----- | ----- | 742 | ----- | 2 | 20 |
| 39,172 | 45,143 | 2,024 | 118 | 9,059 | 149,225 | 8,600 | 51,600 | 42 | 21 | 573,266 | 98,683 | 2,347,823 | 54 | ----- |
| 300 | ----- | 5 | 218 | 168 | ----- | ----- | ----- | ----- | ----- | ----- | 3,888 | ----- | ----- | 1 |
| 40 | ----- | 4 | 146 | 147 | ----- | ----- | ----- | ----- | ----- | ----- | 3,290 | ----- | ----- | 2 |
| 300 | ----- | 4 | 250 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | 2,936 | ----- | ----- | 3 |
| 20 | ----- | 17 | 40 | 6 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 2,000 | ----- | 4 |
| ----- | ----- | 3 | 220 | 51 | ----- | ----- | ----- | ----- | ----- | ----- | 1,627 | ----- | ----- | 5 |
| 250 | ----- | 6 | 189 | 47 | ----- | ----- | ----- | 1 | ----- | 1,565 | ----- | ----- | ----- | 6 |
| ----- | ----- | 3 | 200 | 48 | ----- | ----- | ----- | ----- | ----- | ----- | 1,101 | ----- | ----- | 7 |
| 65 | ----- | 4 | 103 | 50 | ----- | ----- | ----- | ----- | ----- | ----- | 1,065 | ----- | ----- | 8 |
| ----- | ----- | 4 | 100 | 45 | ----- | ----- | ----- | ----- | ----- | ----- | 900 | ----- | ----- | 9 |
| 60 | ----- | 4 | 140 | 18 | ----- | ----- | ----- | ----- | ----- | ----- | 452 | ----- | ----- | 10 |
| 20 | ----- | 3 | 31 | 7 | ----- | ----- | ----- | ----- | ----- | ----- | 186 | ----- | ----- | 11 |
| ----- | ----- | 3 | 36 | 6 | ----- | ----- | ----- | ----- | ----- | ----- | 184 | ----- | ----- | 12 |
| 1,055 | ----- | 60 | 139 | 653 | ----- | ----- | ----- | 1 | ----- | 1,565 | 15,629 | 2,000 | ----- | ----- |
| 40,227 | 45,143 | 2,084 | 126 | 9,712 | 149,225 | 8,600 | 51,600 | 43 | 21 | 574,831 | 114,312 | 2,349,823 | 54 | ----- |

NINTH DISTRICT.

| | | | | | | | | | | | | | |
|--------|-------|-----|-----|--------|--------|--------|-------|-------|---------|--------|-------|-------|-------|
| 6,937 | ----- | 400 | 95 | 61,925 | ----- | ----- | 23 | 8 | 251,433 | ----- | ----- | 36 | 1 |
| 4,790 | 7,449 | 191 | 116 | 210 | 33,190 | ----- | 5 | 1 | 127,470 | ----- | ----- | 11 | 2 |
| 780 | 265 | 123 | 67 | 1,761 | ----- | ----- | ----- | 1 | 1 | 35,230 | ----- | 5 | 3 |
| 15 | 254 | 35 | 195 | 2,500 | 3,500 | ----- | 1 | ----- | 21,063 | ----- | ----- | 4 | 4 |
| 12,522 | 7,968 | 749 | 118 | 4,471 | 65,425 | 33,190 | 29 | 10 | 399,966 | 35,230 | ----- | 56 | ----- |
| 502 | ----- | 14 | 168 | 260 | ----- | ----- | 1 | ----- | 7,414 | 4,613 | ----- | ----- | 1 |
| 650 | ----- | 12 | 151 | 1,650 | ----- | ----- | 1 | ----- | 9,520 | ----- | ----- | ----- | 2 |
| 200 | ----- | 13 | 165 | 266 | ----- | ----- | 1 | ----- | 3,306 | 3,389 | ----- | ----- | 3 |
| 351 | ----- | 5 | 143 | 650 | ----- | ----- | 1 | ----- | 4,104 | ----- | ----- | ----- | 4 |
| 516 | ----- | 5 | 172 | 36 | ----- | ----- | 1 | ----- | 4,070 | ----- | ----- | ----- | 5 |
| 40 | ----- | 6 | 157 | 138 | ----- | ----- | ----- | ----- | ----- | 2,353 | ----- | ----- | 6 |
| 303 | ----- | 5 | 118 | 91 | ----- | ----- | ----- | ----- | ----- | 1,350 | ----- | ----- | 7 |
| 240 | ----- | 5 | 170 | 40 | ----- | ----- | 1 | ----- | 1,006 | ----- | ----- | ----- | 8 |
| 100 | ----- | 5 | 90 | 42 | ----- | ----- | ----- | ----- | ----- | 503 | ----- | ----- | 9 |
| 30 | ----- | 4 | 80 | 45 | ----- | ----- | ----- | ----- | ----- | 461 | ----- | ----- | 10 |
| 25 | ----- | 2 | 20 | 5 | ----- | ----- | ----- | ----- | ----- | 45 | ----- | ----- | 11 |
| 2,957 | ----- | 76 | 130 | 923 | 2,300 | ----- | 6 | ----- | 29,420 | 12,714 | ----- | ----- | ----- |
| 15,479 | 7,968 | 825 | 127 | 5,394 | 67,725 | 33,190 | 35 | 10 | 429,386 | 47,944 | ----- | 56 | ----- |

WASHINGTON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|------------------------|----------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| SHIPPING MINES. | | | | | | | |
| 1 | Centralia Coal Co., No. 5 | Centralia | 230,876 | 93,118 | 100,877 | | 19,319 |
| 2 | Clarkson Coal & Mining Co. | Nashville | 79,068 | 19,019 | 17,076 | 29,942 | 9,160 |
| 3 | Bois Coal Co. | DuBois | 5,965 | 1,600 | | | 4,065 |
| 3 shipping mines total | | | 315,909 | 113,737 | 117,953 | 29,942 | 32,544 |
| LOCAL MINES. | | | | | | | |
| 1 | Venedy Coal Co. | Venedy | 2,583 | | | | 2,433 |
| 2 | Darmstadt Coal Co. | Lenzburg | 2,450 | | | | 1,950 |
| 2 local mines total | | | 5,033 | | | | 4,383 |
| 5 all mines total | | | 320,942 | 113,737 | 117,953 | 29,942 | 36,927 |

NINTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used of blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|-----------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 11,365 | 6,197 | 219 | 146 | ----- | ----- | ----- | 41,700 | 9 | 13 | 230,876 | ----- | ----- | 1 | 1 |
| 3,871 | ----- | 104 | 194 | 84 | 14,025 | ----- | ----- | 4 | 1 | 79,068 | ----- | ----- | 8 | 2 |
| 300 | ----- | 41 | 58 | 235 | ----- | ----- | ----- | ----- | ----- | ----- | 5,965 | ----- | 6 | 3 |
| 15,536 | 6,197 | 364 | 133 | 319 | 14,025 | ----- | 41,700 | 13 | 14 | 309,944 | 5,965 | ----- | 15 | |
| 150 | ----- | 8 | 192 | 275 | ----- | ----- | ----- | ----- | ----- | ----- | 2,583 | ----- | 1 | |
| 500 | ----- | 4 | 100 | 80 | ----- | ----- | ----- | ----- | ----- | ----- | 2,450 | ----- | 2 | |
| 650 | ----- | 12 | 146 | 355 | ----- | ----- | ----- | ----- | ----- | ----- | 5,033 | ----- | ----- | |
| 16,186 | 6,197 | 376 | 138 | 674 | 14,025 | ----- | 41,700 | 13 | 14 | 309,944 | 10,998 | ----- | 15 | |

NINTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|-----------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Jackson..... | 4 | 1,479,068 | 1,073,787 | 384,469 | ----- | 4,075 | 2,772 | 13,965 |
| Perry..... | 20 | 3,019,772 | 1,382,277 | 1,344,790 | 21,926 | 186,464 | 39,172 | 45,143 |
| Randolph..... | 4 | 435,196 | 154,371 | 248,787 | ----- | 11,548 | 12,522 | 7,968 |
| Washington..... | 3 | 315,909 | 113,737 | 117,953 | 29,942 | 32,544 | 15,526 | 6,197 |
| Total..... | 31 | 5,249,945 | 2,724,172 | 2,095,999 | 51,868 | 234,631 | 70,002 | 73,273 |

LOCAL MINES

| | | | | | | | | |
|-----------------|----|---------|-------|-------|-------|---------|-------|-------|
| Jackson..... | 28 | 46,445 | ----- | ----- | ----- | 43,030 | 3,415 | ----- |
| Perry..... | 12 | 19,194 | ----- | ----- | ----- | 18,139 | 1,053 | ----- |
| Randolph..... | 11 | 42,134 | ----- | ----- | ----- | 39,177 | 2,957 | ----- |
| Washington..... | 2 | 5,033 | ----- | ----- | ----- | 4,383 | 650 | ----- |
| Total..... | 53 | 112,806 | ----- | ----- | ----- | 104,729 | 8,077 | ----- |

ALL MINES

| | | | | | | | | |
|-----------------|----|-----------|-----------|-----------|--------|---------|--------|--------|
| Jackson..... | 32 | 1,525,513 | 1,073,787 | 384,469 | ----- | 47,105 | 6,187 | 13,965 |
| Perry..... | 32 | 3,038,966 | 1,382,277 | 1,344,790 | 21,926 | 204,603 | 40,227 | 45,143 |
| Randolph..... | 15 | 477,330 | 154,371 | 248,787 | ----- | 50,725 | 15,479 | 7,968 |
| Washington..... | 5 | 320,942 | 113,737 | 117,953 | 29,942 | 36,927 | 16,186 | 6,197 |
| Total..... | 84 | 5,362,751 | 2,724,172 | 2,095,999 | 51,868 | 339,360 | 78,079 | 73,273 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|----------------|---------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 828 | 153 | ----- | 46,500 | 2,600 | 109,950 | 21 | 30 | 866,283 | ----- | 612,785 | 2 |
| 2,024 | 118 | 9,059 | 149,225 | 8,600 | 51,600 | 42 | 21 | 573,266 | 98,683 | 2,347,823 | 54 |
| 749 | 118 | 4,471 | 65,425 | 33,190 | ----- | 29 | 10 | 399,966 | 35,230 | ----- | 56 |
| 364 | 133 | 319 | 14,025 | ----- | 41,700 | 13 | 14 | 309,944 | 5,965 | ----- | 15 |
| 3,965 | 124 | 13,849 | 275,175 | 44,390 | 203,250 | 105 | 75 | 2,149,459 | 139,878 | 2,960,608 | 127 |

NINTH DISTRICT.

| | | | | | | | | | | | |
|-----|-----|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| 169 | 100 | 1,716 | 4,650 | ----- | ----- | 2 | ----- | 14,449 | 31,996 | ----- | ----- |
| 60 | 139 | 653 | ----- | ----- | ----- | 1 | ----- | 1,565 | 15,629 | 2,000 | ----- |
| 76 | 130 | 923 | 2,300 | ----- | ----- | 6 | ----- | 29,420 | 12,714 | ----- | ----- |
| 12 | 146 | 355 | ----- | ----- | ----- | ----- | ----- | ----- | 5,033 | ----- | ----- |
| 317 | 117 | 3,647 | 6,950 | ----- | ----- | 9 | ----- | 45,434 | 65,372 | 2,000 | ----- |

NINTH DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|---------|--------|---------|-----|----|-----------|---------|-----------|-----|
| 997 | 106 | 1,716 | 51,150 | 2,600 | 109,950 | 23 | 30 | 880,732 | 31,996 | 612,785 | 2 |
| 2,084 | 126 | 9,712 | 149,225 | 8,600 | 51,600 | 43 | 21 | 574,831 | 114,312 | 2,349,823 | 54 |
| 825 | 127 | 5,394 | 67,725 | 33,190 | ----- | 35 | 10 | 429,386 | 47,944 | ----- | 56 |
| 376 | 138 | 674 | 14,025 | ----- | 41,700 | 13 | 14 | 309,944 | 10,998 | ----- | 15 |
| 4,282 | 119 | 17,496 | 282,125 | 44,390 | 203,250 | 114 | 75 | 2,194,893 | 205,250 | 2,962,608 | 127 |

TENTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Tenth Inspection District, comprising the coal producing counties of Franklin and Jefferson, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|------------|
| Number of counties producing coal..... | 2 | 1 | 1 | 1 | 1 |
| Number of shipping mines..... | 15 | 14 | 14 | 15 | 16 |
| Number of local mines..... | 5 | | | | |
| Number of employees underground..... | 6,908 | 6,496 | 8,075 | 8,613 | 9,297 |
| Number of employees on surface..... | 1,517 | 1,404 | 1,366 | 1,451 | 1,373 |
| Total number employed..... | 8,425 | 7,900 | 9,441 | 10,064 | 10,670 |
| Tons of coal produced in shipping mines..... | 7,780,162 | 6,703,883 | 7,064,359 | 9,531,560 | 11,997,347 |
| Tons of coal produced in local mines..... | 541 | | | | |
| Tons of coal produced, total..... | 7,780,703 | 6,703,883 | 7,064,359 | 9,531,560 | 11,997,347 |
| Days operated, shipping mines, average..... | 130 | 115 | 110 | 139 | 171 |
| Days operated, local mines, average..... | 39 | | | | |
| Number of undercutting machines..... | 279 | 264 | 299 | 386 | 421 |
| Tons undercut..... | 7,780,162 | 6,671,615 | 7,064,359 | 9,492,423 | 11,836,027 |
| Tons mined by hand..... | | 32,268 | | 39,137 | 161,320 |
| Tons mined in strip mines..... | 541 | | | | |
| Number of loading machines used..... | 492 | 476 | 684 | 734 | 717 |
| Tons loaded mechanically..... | 5,365,594 | 4,513,921 | 5,312,097 | 7,222,452 | 7,574,559 |
| Number of fatal accidents..... | 20 | 11 | 10 | 13 | 22 |
| Number of non-fatal accidents..... | 578 | 570 | 624 | 916 | 1,214 |
| Number of employees to each fatality..... | 421 | 718 | 944 | 774 | 485 |
| Number employed to each non-fatal accident..... | 14.6 | 14 | 15.1 | 11 | 8.8 |
| Tons of coal mined to each fatality..... | 389,035 | 609,444 | 706,436 | 733,200 | 545,379 |
| Tons mined to each non-fatal accident..... | 13,461 | 11,761 | 11,321 | 10,406 | 9,882 |
| Number of fatalities per 1,000 employed..... | 2.4 | 1.4 | 1.1 | 1.3 | 2.0 |
| Number injured per 1,000 employed..... | 68.6 | 72.1 | 66.1 | 91.0 | 113.8 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 18 | ----- | 14,819,448 | ----- | 12,287 | ----- | 194 | ----- | 35 | 1,801 | 423,413 |
| 1930..... | 16 | ----- | 11,997,347 | ----- | 10,670 | ----- | 177 | ----- | 22 | 1,214 | 545,379 |
| 1931..... | 15 | ----- | 9,531,560 | ----- | 10,064 | ----- | 139 | ----- | 13 | 916 | 733,200 |
| 1932..... | 14 | ----- | 7,064,359 | ----- | 9,441 | ----- | 110 | ----- | 10 | 624 | 706,436 |
| 1933..... | 14 | ----- | 6,703,883 | ----- | 7,900 | ----- | 115 | ----- | 11 | 570 | 609,444 |
| Average for 5 years.. | 15 | ----- | 10,023,319 | ----- | 10,072 | ----- | 150 | ----- | 18 | 1,025 | 550,731 |
| 1934..... | 15 | 5 | 7,780,162 | 541 | 8,407 | 18 | 130 | 39 | 20 | 578 | 389,035 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | ----- | +5 | -2,243,157 | +541 | -1,665 | +18 | -20 | +39 | +2 | -447 | -161,696 |

CHANGE OF NAME.

Benton Franklin Coal Co. to Franklin Mining Co., at Benton in Franklin County.

IDLE MINES.

Chicago, Wilmington & Franklin Coal Co., Benton No. 1, at Benton in Franklin County.

Chicago, Wilmington & Franklin Coal Co., Benton No. 2, at Benton in Franklin County.

Illinois Coal Corp., No. 10, at Nason in Jefferson County.

Old Ben Coal Corp., No. 9, at West Frankfort in Franklin County.

Old Ben Coal Corp., No. 10, at Christopher in Franklin County.

Old Ben Coal Corp., No. 11, at Christopher in Franklin County.

Old Ben Coal Corp., No. 12, at Christopher in Franklin County.

Old Ben Coal Corp., No. 16, at Sesser in Franklin County.

Old Ben Coal Corp., No. 19, at Rend in Franklin County.

United States Fuel Co., M. F., at Benton in Franklin County.

FATAL ACCIDENTS.

February 5, John McKean, loader, age 71 years, married, was killed in Old Ben Coal Corporation's No. 15 mine by a fall of rib coal. He leaves a widow.

February 6, Albert Duncan, trip rider, age 37 years, married, was electrocuted by coming in contact with trolley wire, in Valier Coal Company's mine. He leaves a widow and two children.

February 20, Earl Hubbard, top laborer, age 21 years, married, was killed in Bell & Zoller Coal & Mining Company's No. 1 mine by being caught in a belt while dressing the same. He leaves a widow and one child.

April 24, John Tulo, loading machine operator, age 38 years, married, was killed by falling rock in Chicago, Wilmington and Franklin Coal Company's No. 2 mine. He leaves a widow.

April 24, John Moore, loader, age 59 years, married, died from injuries received the day before from falling coal in Old Ben Coal Corporation's No. 8 mine. He leaves a widow.

May 26, Edward B. Bormann, miner, age 38 years, married, was struck by a pit car and killed in Bell & Zoller Coal and Mining Company's No. 2 mine. He leaves a widow and two children.

June 1, Kenneth McMahan, pumpman, age 28 years, single, was killed in Chicago, Wilmington & Franklin Coal Company's No. 1 mine, when run over by a motor.

June 15, Hiram J. Marshall, loading machine operator, age 38 years, widower, died from injuries received on the 10th by a fall of rib coal in Peabody Coal Company's No. 18 mine. He leaves four children.

July 12, William Portioski, dustman and sprinkler, age 64 years, married, died of injuries received on July 6 when he was squeezed between a pit car and the rib at Valier Coal Company's No. 1 mine. He leaves a widow.

September 13, William Raymond, miner, age 63 years, widower, was killed by a new fall of coal while cleaning up a previous fall in Mine No. 5 of the Franklin County Coal Company. His injuries were received on September 12, 1933. He leaves two dependent children.

September 27, Albert Page, mule driver, age 52 years, widower, was killed when he fell in front of moving cars in Mine No. 19 of the Peabody Coal Co.

September 29, Richard Elm, timberman, age 54 years, single, was killed by a new fall of rock while cleaning up a previous fall in Mine No. 1 of the Chicago, Wilmington & Franklin Coal Co.

October 19, Wiley Hall, loader, age 55 years, married, was struck and killed by a string of empties being spotted when he stepped out of his working place in Mine No. 2 of the Bell & Zoller Coal & Mining Co. He leaves four dependent children.

October 20, John Szymzyk, loader, age 51 years, married, died of injuries received on October 18 by a fall of face coal in Mine No. 7 of the Franklin County Coal Co. He leaves three dependent children.

November 8, Edward Connolly, face boss, age 31 years, married, was killed by being squeezed between an empty car and a loaded trip which caught the end of the empty and swung it around in Mine No. 15 of the Old Ben Coal Corp. He leaves a widow and three dependent children.

November 21, Herbert Darnell, loader, age 55 years, married, was killed by coming in contact with a trolley wire while climbing into an empty steel car on the siding in Mine No. 21 of the West Frankfort Coal Co. He leaves a widow.

November 26, James Cunningham, triprider, age 30 years, married, was killed by being run over by a trip of empty cars when he fell in front of them while alighting from the trip in Mine No. 2 of the Bell & Zoller Coal & Mining Co. He leaves a widow and three dependent children.

December 7, Arlie Killgrove, track-helper, age 20 years, single, was killed by being caught between the rib and bumper of a derailed motor which had broken an axle and was in turn bumped by a following motor in Mine No. 1 of the Bell & Zoller Coal & Mining Co.

December 10, August Shablosky, timberman, age 58 years, married, was killed when struck in the head by a piece of coal which knocked him head first into a safety prop in Mine No. 7 of the Franklin County Coal Co. He leaves a widow.

December 20, Tony Caneff, machine man, age 49 years, married, was killed by a fall of coal in Mine No. 2 of the Chicago, Wilmington & Franklin Coal Co. He leaves a widow.

Respectfully submitted,

WILLIAM J. JOHNSON, *Inspector.*

FATAL ACCIDENTS, TENTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number of letter mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|-------------------|------|--------------------------|----------------|---|------------------------|----------|---------|--------|-----------|-------------|---------------------------------|
| Feb. 5 | Feb. 5 | John McKean. | 71 | Loader. | West Frankfort | Old Ben Coal Corp. | 15 | 1 | 1 | 1 | 1 | 1 | 1 Fall of rib coal. |
| Feb. 6 | Feb. 6 | Albert Duncan. | 37 | Trip rider | Buckner | Valier Coal Co. | 1 | 1 | 1 | 1 | 1 | 3 | Electrocuted. |
| Feb. 20 | Feb. 20 | Earl Hubbard. | 21 | Top laborer | Mulkeytown. | Bell & Zoller Coal & Mining Co. | 1 | 1 | 1 | 1 | 1 | 2 | Caught in belt. |
| Apr. 24 | Apr. 24 | John Tulo. | 38 | Loading machine operator | Benton. | Chicago, Wilmington & Franklin Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | 1 Fall of rock. |
| Apr. 23 | Apr. 24 | John Moore. | 59 | Loader. | Johnston City | Old Ben Coal Corp. | 8 | 1 | 1 | 1 | 1 | 1 | 1 Fall of coal. |
| May 26 | May 26 | Edward B. Bormann | 38 | Miner. | Royalton | Bell & Zoller Coal & Mining Co. | 2 | 1 | 1 | 1 | 1 | 3 | Pit car. |
| June 1 | June 1 | Keneth McMahon | 38 | Pumpman. | West Frankfort | C., W. & F. Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | Struck by motor. |
| June 10 | June 15 | Hiram J. Marshall | 38 | Loading machine operator | West Frankfort | Peabody Coal Co. | 18 | 1 | 1 | 1 | 4 | 4 | Fall of rib coal. |
| July 6 | July 12 | William Fortieski | 64 | Dustman and sprinkler | Sesser. | Valier Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | Caught between pit car and rib. |
| Sept. 12 | Sept. 13 | William Raymond | 63 | Miner. | Freeman Spur | Franklin County Coal Co. | 5 | 1 | 1 | 1 | 2 | 2 | Fall of coal. |
| Sept. 27 | Sept. 27 | Albert Pace. | 52 | Mule driver. | West Frankfort | Peabody Coal Co. | 19 | 1 | 1 | 1 | 1 | 1 | Pit cars. |
| Sept. 29 | Sept. 29 | Richard Elm. | 54 | Timberman. | West Frankfort | C., W. & F. Coal Co. | 2 | 1 | 1 | 1 | 4 | 5 | Fall of rock. |
| Oct. 19 | Oct. 19 | Wiley Hall | 55 | Loader. | Zeigler | Bell & Zoller Coal & Mining Co. | 15 | 1 | 1 | 1 | 3 | 4 | Pit cars. |
| Oct. 18 | Oct. 20 | John Szymzyk | 31 | Loader. | Royalton | Franklin County Coal Co. | 15 | 1 | 1 | 1 | 3 | 4 | Fall of face coal. |
| Nov. 8 | Nov. 8 | Edward Connolly | 55 | Face boss. | West Frankfort | Old Ben Coal Corp. | 21 | 1 | 1 | 1 | 1 | 1 | Pit cars. |
| Nov. 21 | Nov. 21 | Herbert Darnell | 30 | Loader. | West Frankfort | West Frankfort Coal Co. | 2 | 1 | 1 | 1 | 3 | 4 | Electrocuted. |
| Nov. 26 | Nov. 26 | James Cunningham | 20 | Trip rider | Herrin | Bell & Zoller Coal & Mining Co. | 1 | 1 | 1 | 1 | 1 | 1 | Pit cars. |
| Dec. 7 | Dec. 7 | Arlie Killgrove | 58 | Track helper. | Zeigler | Bell & Zoller Coal & Mining Co. | 7 | 1 | 1 | 1 | 1 | 1 | Struck by derailed motor. |
| Dec. 10 | Dec. 10 | August Shablosky | 53 | Timberman. | Royalton | Franklin County Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | Fall of coal. |
| Dec. 20 | Dec. 20 | Tony Caness | 49 | Machine man. | Benton. | C., W. & F. Coal Co. | 2 | 1 | 1 | 1 | 1 | 1 | Fall of coal. |

NON-FATAL ACCIDENTS, TENTH DISTRICT.

| Name of operator. | Number injured. | Number not returned. | Days lost by men returned. | | Loss of 7 or less than 30 days. | | Loss of 30 or more days. | | Month. | Number injured. | | |
|---|-----------------|----------------------|----------------------------|----------|---------------------------------|------------|--------------------------|-----------------|--------|-----------------|----------------|----------|
| | | | Total. | Average. | Number injured. | Days lost. | | Number injured. | | | | |
| | | | | | | Total. | Average. | | | | Total. | Average. |
| Bell & Zeller Coal & Mining Co., No. 1. | 35 | 6 | 815 | 28 | 23 | 413 | 18 | 6 | 402 | 67 | January----- | 78 |
| Bell & Zeller Coal & Mining Co., No. 2. | 64 | 9 | 1,379 | 25 | 45 | 785 | 17 | 10 | 594 | 39 | February----- | 44 |
| C., W. & F. Coal Co., No. 1. | 51 | 6 | 1,115 | 25 | 30 | 406 | 14 | 15 | 709 | 59 | March----- | 56 |
| C., W. & F. Coal Co., No. 2. | 55 | 4 | 1,959 | 38 | 26 | 443 | 17 | 25 | 1,516 | 61 | April----- | 31 |
| Franklin County Coal Co., Inc., No. 5. | 20 | 4 | 698 | 44 | 9 | 152 | 37 | 7 | 546 | 78 | May----- | 48 |
| Franklin County Coal Co., Inc., No. 7. | 38 | 4 | 877 | 26 | 28 | 461 | 16 | 6 | 416 | 69 | June----- | 39 |
| Franklin Mining Co. | 36 | 3 | 899 | 25 | 24 | 374 | 16 | 12 | 525 | 44 | July----- | 43 |
| Interstate Coal Co. | 13 | 1 | 448 | 37 | 6 | 105 | 18 | 6 | 343 | 57 | August----- | 47 |
| Old Ben Coal Corp., No. 8. | 60 | 9 | 1,846 | 30 | 27 | 457 | 17 | 24 | 1,389 | 58 | September----- | 43 |
| Old Ben Coal Corp., No. 14. | 12 | 3 | 222 | 23 | 5 | 84 | 17 | 4 | 138 | 35 | October----- | 51 |
| Old Ben Coal Corp., No. 15. | 70 | 17 | 1,894 | 36 | 29 | 480 | 17 | 24 | 1,414 | 59 | November----- | 48 |
| Peabody Coal Co., No. 18. | 21 | 4 | 875 | 51 | 7 | 126 | 18 | 10 | 946 | 75 | December----- | 50 |
| Peabody Coal Co., No. 19. | 49 | 16 | 1,222 | 37 | 17 | 276 | 16 | 16 | 946 | 59 | | |
| Valley Coal Co., No. 1. | 15 | 2 | 605 | 47 | 9 | 139 | 15 | 4 | 466 | 117 | | |
| Valley Coal Co., No. 2. | 39 | 5 | 1,038 | 31 | 20 | 315 | 16 | 14 | 723 | 52 | | |
| West Frankfort Coal Co., No. 21. | | | | | | | | | | | | |
| Total. | 578 | 90 | 15,892 | 33 | 305 | 5,016 | 16 | 183 | 10,876 | 59 | Total----- | 578 |

FRANKLIN COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|------------------------------|---|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| SHIPPING MINES. | | | | | | | |
| 1 | Chicago, Wilmington & Franklin Coal Co., No. 2..... | W. Frankfort..... | 1,206,619 | 817,196 | 345,728 | ----- | 5,014 |
| 2 | Bell & Zoller Coal & Mining Co., No. 2..... | Zeigler..... | 890,270 | 593,512 | 241,425 | ----- | 1,571 |
| 3 | Bell & Zoller Coal & Mining Co., No. 1..... | Zeigler..... | 887,197 | 582,108 | 211,289 | ----- | 6,443 |
| 4 | Valier Coal Co., No. 1..... | Valier..... | 878,163 | ----- | 868,988 | ----- | 2,491 |
| 5 | Old Ben Coal Corp., No. 8..... | W. Frankfort..... | 688,555 | 531,405 | 119,658 | ----- | 8,747 |
| 6 | Old Ben Coal Corp., No. 15..... | W. Frankfort..... | 680,711 | 526,260 | 106,134 | ----- | 1,180 |
| 7 | Chicago, Wilmington & Franklin Coal Co., No. 1..... | Orient..... | 579,235 | 369,429 | 159,355 | ----- | 755 |
| 8 | Franklin County Coal Co., No. 7..... | Royalton..... | 519,446 | 279,590 | 208,892 | ----- | 4,242 |
| 9 | Franklin County Coal Co., No. 5..... | Herrin..... | 391,819 | 345,151 | 29,756 | ----- | 5,003 |
| 10 | Peabody Coal Co., No. 19..... | W. Frankfort..... | 374,398 | 268,783 | 94,476 | ----- | 2,782 |
| 11 | West Frankfort Coal Co., No. 21..... | W. Frankfort..... | 197,467 | 132,536 | 36,170 | ----- | 12,682 |
| 12 | Brewerton Coal Co., No. 22..... | Sesser..... | 195,984 | 112,049 | 57,050 | ----- | 15,242 |
| 13 | Franklin Mining Co..... | Benton..... | 153,925 | 100,725 | 26,955 | ----- | 16,042 |
| 14 | Old Ben Coal Corp., No. 14..... | Buckner..... | 74,505 | 49,294 | 12,642 | ----- | 6,182 |
| 15 | Peabody Coal Co., No. 18..... | W. Frankfort..... | 61,868 | 20,623 | 38,404 | ----- | 310 |
| 15 shipping mines total..... | | | 7,780,162 | 4,728,661 | 2,556,922 | ----- | 88,686 |

JEFFERSON COUNTY

| LOCAL MINES. | | | | | | | |
|--------------------------|-------------------------------------|-----------------|-----|-------|-------|-------|-----|
| 1 | Hugh Scrivner..... | Belle Rive..... | 200 | ----- | ----- | ----- | 200 |
| 2 | Walter Cole..... | Opdyke..... | 100 | ----- | ----- | ----- | 80 |
| 3 | Arch McPherson..... | Opdyke..... | 91 | ----- | ----- | ----- | 91 |
| 4 | J. M. Shelton..... | Opdyke..... | 80 | ----- | ----- | ----- | 80 |
| 5 | Hillary Perry & Vernon Spencer..... | Dahlgren..... | 70 | ----- | ----- | ----- | 70 |
| 5 local mines total..... | | | 541 | ----- | ----- | ----- | 521 |

TENTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 4,275 | 34,406 | 1,051 | 133 | ----- | ----- | ----- | 136,000 | 35 | 53 | 1,206,619 | ----- | ----- | ----- | 1 |
| 14,940 | 38,822 | 927 | 158 | ----- | ----- | ----- | 106,125 | 41 | 31 | 890,270 | ----- | ----- | ----- | 2 |
| 18,322 | 69,035 | 612 | 163 | ----- | ----- | ----- | ----- | 20 | 55 | 887,197 | ----- | ----- | ----- | 3 |
| 616 | 6,065 | 516 | 133 | ----- | ----- | ----- | 148,200 | 25 | 41 | 878,163 | ----- | ----- | ----- | 4 |
| 822 | 27,923 | 545 | 159 | ----- | ----- | ----- | ----- | 16 | 34 | 688,555 | ----- | ----- | ----- | 5 |
| 6,329 | 40,808 | 506 | 176 | ----- | ----- | ----- | ----- | 11 | 27 | 680,711 | ----- | ----- | ----- | 6 |
| 10,287 | 39,409 | 542 | 126 | ----- | ----- | ----- | 65,975 | 18 | 29 | 579,235 | ----- | ----- | ----- | 7 |
| 15,349 | 11,373 | 551 | 180 | ----- | ----- | ----- | 57,750 | 12 | 24 | 519,446 | ----- | ----- | ----- | 8 |
| 7,338 | 4,571 | 571 | 129 | ----- | ----- | ----- | 66,825 | 20 | 6 | 391,819 | ----- | ----- | 33 | 9 |
| 7,091 | 1,266 | 579 | 139 | ----- | ----- | ----- | 54,000 | 18 | 5 | 374,398 | ----- | ----- | 34 | 10 |
| 9,729 | 6,350 | 337 | 168 | ----- | ----- | ----- | 30,000 | 9 | 12 | 197,467 | ----- | ----- | ----- | 11 |
| 6,588 | 5,055 | 344 | 103 | ----- | ----- | ----- | 24,000 | 15 | 12 | 195,984 | ----- | ----- | ----- | 12 |
| 5,504 | 4,699 | 304 | 127 | ----- | ----- | ----- | 25,600 | 12 | 5 | 153,925 | ----- | ----- | 11 | 13 |
| 876 | 5,511 | 455 | 23 | ----- | ----- | ----- | ----- | 7 | 19 | 74,505 | ----- | ----- | ----- | 14 |
| 2,147 | 384 | 567 | 40 | ----- | ----- | ----- | 11,300 | 20 | 23 | 61,868 | ----- | ----- | ----- | 15 |
| 110,213 | 295,680 | 8,407 | 130 | ----- | ----- | ----- | 725,775 | 279 | 376 | 7,780,162 | ----- | ----- | 79 | |

TENTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---|
| ----- | ----- | 5 | 15 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 200 | ----- | 1 |
| 20 | ----- | 3 | 60 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 100 | ----- | 2 |
| ----- | ----- | 3 | 50 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 91 | ----- | 3 |
| ----- | ----- | 4 | 40 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 80 | ----- | 4 |
| ----- | ----- | 3 | 30 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 70 | ----- | 5 |
| 20 | ----- | 18 | 39 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 541 | ----- | |

TENTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|---------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Franklin..... | 15 | 7,780,162 | 4,728,661 | 2,556,922 | ----- | 88,686 | 110,213 | 295,680 |

LOCAL MINES

| | | | | | | | | |
|----------------|---|-----|-------|-------|-------|-----|----|-------|
| Jefferson..... | 5 | 541 | ----- | ----- | ----- | 521 | 20 | ----- |
|----------------|---|-----|-------|-------|-------|-----|----|-------|

ALL MINES

| | | | | | | | | |
|----------------|----|-----------|-----------|-----------|-------|--------|---------|---------|
| Franklin..... | 15 | 7,780,162 | 4,728,661 | 2,556,922 | ----- | 88,686 | 110,213 | 295,680 |
| Jefferson..... | 5 | 541 | ----- | ----- | ----- | 521 | 20 | ----- |
| Total..... | 20 | 7,780,703 | 4,728,661 | 2,556,922 | ----- | 89,207 | 110,233 | 295,680 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|----------------|-------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 8,407 | 130 | ----- | ----- | ----- | 725,775 | 279 | 376 | 7,780,162 | ----- | ----- | 79 |

TENTH DISTRICT.

| | | | | | | | | | | | |
|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| 18 | 39 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 541 | ----- |
|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|

TENTH DISTRICT.

| | | | | | | | | | | | |
|-------|-----|-------|-------|-------|---------|-------|-------|-----------|-------|-------|-------|
| 8,407 | 130 | ----- | ----- | ----- | 725,775 | 279 | 376 | 7,780,162 | ----- | ----- | 79 |
| 18 | 39 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 541 | ----- |
| 8,425 | 108 | ----- | ----- | ----- | 725,775 | 279 | 376 | 7,780,162 | ----- | 541 | 79 |

ELEVENTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eleventh Inspection District, comprising the coal producing counties of Gallatin, Pope, Saline, Wabash and White, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 5 | 5 | 5 | 5 | 5 |
| Number of shipping mines..... | 9 | 9 | 10 | 12 | 14 |
| Number of local mines..... | 62 | 66 | 55 | 48 | 47 |
| Number of employees underground..... | 3,516 | 3,653 | 3,698 | 4,079 | 3,942 |
| Number of employees on surface..... | 586 | 525 | 589 | 597 | 601 |
| Total number employed..... | 4,102 | 4,183 | 4,287 | 4,676 | 4,543 |
| Tons of coal produced in shipping mines..... | 2,731,693 | 2,506,153 | 2,429,050 | 2,965,627 | 3,683,225 |
| Tons of coal produced in local mines..... | 81,614 | 74,000 | 63,810 | 52,456 | 40,758 |
| Tons of coal produced, total..... | 2,813,307 | 2,580,153 | 2,492,860 | 3,018,083 | 3,723,983 |
| Days operated, shipping mines, average..... | 144 | 125 | 108 | 106 | 116 |
| Days operated, local mines, average..... | 86 | 64 | 97 | 83 | 71 |
| Number of undercutting machines..... | 168 | 190 | 189 | 208 | 176 |
| Tons undercut..... | 2,497,775 | 2,272,461 | 2,136,930 | 2,791,433 | 3,143,801 |
| Tons mined by hand..... | 45,983 | 40,900 | 67,555 | 61,211 | 387,817 |
| Tons mined in strip mines..... | 269,549 | 266,792 | 288,375 | 165,439 | 192,365 |
| Number of loading machines used..... | 31 | 62 | 139 | 142 | 105 |
| Tons loaded mechanically..... | 323,141 | 306,574 | 819,703 | 1,035,380 | 648,720 |
| Number of fatal accidents..... | 5 | 5 | 3 | 16 | 7 |
| Number of non-fatal accidents..... | 326 | 288 | 302 | 444 | 465 |
| Number of employees to each fatality..... | 820 | 837 | 1,429 | 292 | 649 |
| Number employed to each non-fatal accident..... | 12.6 | 14.5 | 14.2 | 10.5 | 9.8 |
| Tons of coal mined to each fatality..... | 562,661 | 516,031 | 830,953 | 188,630 | 531,998 |
| Tons mined to each non-fatal accident..... | 8,630 | 8,959 | 8,255 | 6,798 | 8,009 |
| Number of fatalities per 1,000 employed..... | 1.2 | 1.2 | .7 | 3.4 | 1.5 |
| Number injured per 1,000 employed..... | 79.5 | 68.3 | 7.04 | 95.0 | 102.3 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 14 | 33 | 4,164,332 | 32,507 | 4,837 | 107 | 138 | 83 | 10 | 500 | 419,684 |
| 1930..... | 14 | 47 | 3,683,225 | 40,758 | 4,397 | 146 | 117 | 71 | 7 | 465 | 531,998 |
| 1931..... | 12 | 48 | 2,965,627 | 52,456 | 4,491 | 185 | 106 | 83 | 16 | 444 | 188,630 |
| 1932..... | 10 | 55 | 2,429,050 | 63,810 | 4,064 | 223 | 108 | 97 | 3 | 302 | 830,953 |
| 1933..... | 9 | 66 | 2,506,153 | 74,000 | 3,949 | 234 | 125 | 64 | 5 | 288 | 516,031 |
| Average for 5 years..... | 12 | 50 | 3,149,676 | 52,706 | 4,348 | 179 | 119 | 79 | 8 | 400 | 390,535 |
| 1934..... | 9 | 62 | 2,731,693 | 81,614 | 3,812 | 290 | 144 | 86 | 5 | 326 | 562,661 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | —3 | +12 | —417,983 | +27,908 | —536 | +111 | +25 | +7 | —3 | —74 | +172,126 |

CHANGE OF NAME.

Southern Illinois Coal Mining Co., No. 1, to Norris City Coal Co., Norris City in White County.

IDLE MINES.

Illinois Saline Coal Co., Equality in Gallatin County.
 Peabody Coal Co., No. 42, Harrisburg in Saline County.
 Peabody Coal Co., No. 43, Harrisburg in Saline County.
 Peabody Coal Co., No. 44, Harrisburg in Saline County.
 Peabody Coal Co., No. 46, Eldorado in Saline County.
 Sahara Coal Co., No. 8, Harrisburg in Saline County.
 Sahara Coal Co., No. 15, Harrisburg in Saline County.
 Wasson Coal Co., No. 2, Harrisburg in Saline County.

FATAL ACCIDENTS.

February 22, Harvey Bourland, trip rider, age 28 years, married, was killed in Peabody Coal Company's No. 47 mine by striking his head against roof, breaking neck. He leaves a widow and three children.

March 30, Russell Morris, oiler, age 37 years, married, died from injuries received the day before when caught in the machinery at the Blue Bird Coal Company's strip mine. He leaves a widow and one child.

August 30, Earnest Pool, loader, age 29 years, married, was killed in Peabody Coal Company's No. 47 mine by a fall of rock. He leaves a widow and four children.

September 6, Eugene Blackman, loader, age 23 years, married, died as the result of burns received from the explosion of a keg of powder on August 28 in C. C. McNew's mine. He leaves a widow and two children.

December 19, Scott Herron, assistant manager, age 47 years, married, was killed by a fall of rock while checking time in Mine No. 1 of the Sahara Coal Co. He leaves a widow and one child.

Respectfully submitted,

LOREN A. BELT, *Inspector.*

FATAL ACCIDENTS, ELEVENTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number of letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|---------------------|------|------------------------|-----------------|---------------------------|---------------------------|----------|---------|--------|-----------|-------------|---------------------------|
| Feb. 22 | Feb. 22 | Harvey Bourland.. | 28 | Trip rider. | Clifford..... | Peabody Coal Co..... | 47 | 1 | 1 | 1 | 3 | 4 | Struck head against roof: |
| Mar. 29 | Mar. 30 | Russell Morris..... | 37 | Oiler..... | Harrisburg..... | Blue Bird Coal Co..... | --- | 1 | 1 | 1 | 1 | 2 | Caught in machinery. |
| Aug. 30 | Aug. 30 | Earnest Pool..... | 29 | Loader..... | Eldorado..... | Peabody Coal Co..... | 47 | 1 | 1 | 1 | 4 | 5 | Fall of rock. |
| Aug. 28 | Sept. 6 | Eugene Blackman.. | 23 | Loader..... | Stonefort..... | C. C. McNew..... | --- | 1 | 1 | 1 | 2 | 3 | Powder explosion. |
| Dec. 19 | Dec. 19 | Scott Herron..... | 47 | Assistant manager..... | Muddy..... | Sahara Coal Co..... | 1 | 1 | 1 | 1 | 1 | 2 | Fall of rock. |

GALLATIN COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|-----------------------------|----------------------------------|-----------------------------|----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | Logan Highway Coal Co.----- | Junction.----- | 19,154 | ----- | ----- | ----- | 18,551 |
| 2 | Mid-City Coal Co.----- | Junction.----- | 8,024 | ----- | ----- | ----- | 7,324 |
| 3 | Pekin Mining Co.----- | Equality.----- | 2,941 | ----- | ----- | ----- | 2,791 |
| 4 | St. Thomas Coal Co.----- | Shawneetown----- | 1,346 | ----- | ----- | ----- | 1,346 |
| 5 | James A. Patton.----- | Equality.----- | 450 | ----- | ----- | ----- | 438 |
| 6 | North Side Coal Co.----- | Equality.----- | 222 | ----- | ----- | ----- | 212 |
| 7 | County Line Coal Co.----- | Equality.----- | 211 | ----- | ----- | ----- | 160 |
| 8 | James White & Son.----- | Equality.----- | 200 | ----- | ----- | ----- | 175 |
| 9 | Robert Payne.----- | Shawneetown----- | 184 | ----- | ----- | ----- | 184 |
| 10 | Isaac Black.----- | Junction.----- | 163 | ----- | ----- | ----- | 163 |
| 11 | Big Hill Coal Co.----- | Saline Mine.----- | 159 | ----- | ----- | ----- | 135 |
| 12 | Thornt Colbert.----- | Equality.----- | 145 | ----- | ----- | ----- | 125 |
| 13 | E. V. Schneider.----- | Sparks Hill.----- | 130 | ----- | ----- | ----- | 130 |
| 14 | W. B. Dickson.----- | Junction.----- | 100 | ----- | ----- | ----- | 85 |
| 15 | Edgar Scott.----- | Sparks Hill.----- | 77 | ----- | ----- | ----- | 77 |
| 16 | Wm. Monroe.----- | Junction.----- | 66 | ----- | ----- | ----- | 66 |
| 17 | J. O. Baldwin.----- | Equality.----- | 50 | ----- | ----- | ----- | 50 |
| 18 | Sam Black.----- | Junction.----- | 20 | ----- | ----- | ----- | 20 |
| 19 | Andy Boister.----- | Junction.----- | 14 | ----- | ----- | ----- | 14 |
| 19 local mines.----- | | | 33,656 | ----- | ----- | ----- | 32,046 |

POPE COUNTY

| | | | | | | |
|-------------|--------------------|----------|-----|--|--|-----|
| LOCAL MINE. | | | | | | |
| 1 | A. L. Bowman & Co. | Golconda | 200 | | | 200 |

SALINE COUNTY

| | | | | | | |
|------------------------|----------------------------|---------------|-----------|-----------|---------|--------|
| SHIPPING MINES. | | | | | | |
| 1 | Peabody Coal Co., No. 47 | Harco | 447,406 | 329,755 | 97,158 | 1,720 |
| 2 | Wasson Coal Co., No. 1 | Harrisburg | 400,910 | 266,977 | 108,683 | 7,501 |
| 3 | Sahara Coal Co., No. 1 | Harrisburg | 352,067 | 330,145 | 17,471 | 105 |
| 4 | Sahara Coal Co., No. 10 | Eldorado | 335,957 | 205,451 | 103,734 | 20,012 |
| 5 | Rex Coal Co., No. 2 | Eldorado | 323,141 | 312,194 | | 4,437 |
| 6 | Sahara Coal Co., No. 12 | Harrisburg | 305,635 | 209,517 | 83,267 | 2,302 |
| 7 | Sahara Coal Co., No. 3 | Harrisburg | 272,405 | 160,438 | 79,173 | 24,572 |
| 8 | Blue Bird Coal Co. | Carrier Mills | 263,166 | 204,896 | 51,600 | |
| 8 shipping mines total | | | 2,700,657 | 2,019,373 | 541,056 | 60,649 |
| LOCAL MINES. | | | | | | |
| 1 | Lone Star Coal Co. | Carrier Mills | 5,000 | | | 4,990 |
| 2 | W. F. Carolson & Co., Inc. | Carrier Mills | 3,657 | | | 3,657 |
| 3 | H. H. Coal Co. | Equality | 3,000 | | | 2,400 |
| 4 | Blue Bird Sales | Carrier Mills | 2,726 | | | 2,726 |
| 5 | C. C. McNew | Stonefort | 2,641 | | | 1,981 |
| 6 | Isaac White Coal Co. | Equality | 2,500 | | | 2,100 |
| 7 | R. O. Strobel | Equality | 1,475 | | | 1,275 |

ELEVENTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 603 | | 23 | 143 | | 2,200 | | | 1 | | 19,154 | | | | 1 |
| 700 | | 12 | 191 | | 1,500 | | | 1 | | 8,024 | | | | 2 |
| 150 | | 9 | 101 | 164 | | | | | | | 2,941 | | | 3 |
| | | 7 | 100 | 60 | | | | | | | 1,346 | | | 4 |
| 12 | | 3 | 98 | 35 | | | | | | | 450 | | | 5 |
| 10 | | 3 | 80 | 20 | | | | | | | 222 | | | 6 |
| 51 | | 3 | 27 | 18 | | | | | | | 211 | | | 7 |
| 25 | | 2 | 232 | 15 | | | | | | | 200 | | | 8 |
| | | 2 | 46 | 13 | | | | | | | 184 | | | 9 |
| | | 1 | 100 | 10 | | | | | | | 163 | | | 10 |
| 24 | | 3 | 50 | 13 | | | | | | | 159 | | | 11 |
| 20 | | 3 | 24 | 7 | | | | | | | 145 | | | 12 |
| | | 2 | 43 | 10 | | | | | | | 130 | | | 13 |
| 15 | | 1 | 30 | 5 | | | | | | | 100 | | | 14 |
| | | 1 | 30 | 6 | | | | | | | 77 | | | 15 |
| | | 2 | 25 | 4 | | | | | | | 66 | | | 16 |
| | | 2 | 14 | 4 | | | | | | | 50 | | | 17 |
| | | 1 | 7 | 1 | | | | | | | 20 | | | 18 |
| | | 1 | 5 | 1 | | | | | | | 14 | | | 19 |
| 1,610 | | 81 | 71 | 386 | 3,800 | | | 2 | | 27,178 | 6,478 | | | |

ELEVENTH DISTRICT.

| | | | | | | | | | | | | | | |
|--|--|---|----|--|-----|--|--|--|--|--|-----|--|--|---|
| | | 3 | 78 | | 600 | | | | | | 200 | | | 1 |
|--|--|---|----|--|-----|--|--|--|--|--|-----|--|--|---|

ELEVENTH DISTRICT.

| | | | | | | | | | | | | | | |
|--------|--------|-------|-----|-----|---------|--------|---------|-----|---------|-----------|-------|---------|-----|---|
| 7,931 | 10,842 | 835 | 125 | | | 42,755 | 37 | 25 | 447,406 | | | | | 1 |
| 11,694 | 6,055 | 578 | 142 | 79 | 50,375 | 13 | 30 | 12 | 400,910 | | | | 30 | 2 |
| 1,905 | 2,441 | 647 | 124 | | 17,675 | | 25,550 | 18 | 48 | 352,067 | | | 48 | 3 |
| 6,670 | 90 | 428 | 167 | | | | 30,325 | 17 | 25 | 335,957 | | | 25 | 4 |
| 6,510 | | 323 | 160 | | | | 32,400 | 10 | 22 | 323,141 | | | | 5 |
| 4,720 | 5,829 | 396 | 163 | | | | 31,025 | 24 | 15 | 305,635 | | | 23 | 6 |
| 5,815 | 2,407 | 426 | 110 | | 38,150 | | 7,125 | 25 | 24 | 272,405 | | | 1 | 7 |
| 6,670 | | 100 | 185 | | | 53 | | | | | | 263,166 | | 8 |
| 51,915 | 27,664 | 3,733 | 147 | 79 | 106,200 | 66 | 169,180 | 161 | 171 | 2,437,521 | | 263,166 | 127 | |
| 10 | | 8 | 225 | 308 | | | | | | | 5,000 | | | 1 |
| | | 26 | 55 | | 700 | | | | | | | 3,657 | | 2 |
| 600 | | 4 | 215 | 192 | | | | | | | 3,000 | | | 3 |
| | | 4 | 225 | | 650 | | | | | | | 2,726 | | 4 |
| 660 | | 6 | 165 | 162 | | | | | | | 2,641 | | | 5 |
| 400 | | 5 | 190 | 187 | | | | | | | 2,500 | | | 6 |
| 200 | | 3 | 90 | 80 | | | | | | | 1,475 | | | 7 |

SALINE COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|---------------------------|----------------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 8 | Moore Coal Mine, No. 3..... | Harrisburg..... | 1,285 | ----- | ----- | ----- | 937 |
| 9 | Radium Coal Co..... | Mitchellsville..... | 1,066 | ----- | ----- | ----- | 994 |
| 10 | White Star Coal Co..... | Equality..... | 1,058 | ----- | ----- | ----- | 772 |
| 11 | L. D. Robertson..... | Harrisburg..... | 1,022 | ----- | ----- | ----- | 767 |
| 12 | McDowell Bros..... | Harrisburg..... | 1,000 | ----- | ----- | ----- | 950 |
| 13 | Liberty Coal Co..... | Harrisburg..... | 930 | ----- | ----- | ----- | 930 |
| 14 | Saline Valley Coal Co..... | Equality..... | 846 | ----- | ----- | ----- | 564 |
| 15 | Moore Coal Mine, No. 1..... | Harrisburg..... | 785 | ----- | ----- | ----- | 632 |
| 16 | Oscar Lands..... | Equality..... | 600 | ----- | ----- | ----- | 400 |
| 17 | Geo. Fife..... | Carrier Mills..... | 500 | ----- | ----- | ----- | 400 |
| 18 | New Rocky Branch Coal Co..... | Harrisburg..... | 500 | ----- | ----- | ----- | 500 |
| 19 | Bert Ward..... | Carrier Mills..... | 500 | ----- | ----- | ----- | 500 |
| 20 | R. L. Clemens..... | Carrier Mills..... | 373 | ----- | ----- | ----- | 283 |
| 21 | Logan Uzzle..... | Eldorado..... | 345 | ----- | ----- | ----- | 345 |
| 22 | Black Hawk Coal Co..... | Harrisburg..... | 300 | ----- | ----- | ----- | 300 |
| 23 | J. C. Littlefield..... | Equality..... | 230 | ----- | ----- | ----- | 200 |
| 24 | Logan Reynolds..... | Equality..... | 226 | ----- | ----- | ----- | 206 |
| 25 | Evert Ward..... | Carrier Mills..... | 133 | ----- | ----- | ----- | 100 |
| 26 | Fred Mosman Coal Co., No. 2..... | Equality..... | 125 | ----- | ----- | ----- | 125 |
| 27 | J. R. Reynolds..... | Equality..... | 121 | ----- | ----- | ----- | 91 |
| 28 | Moore Coal Mine, No. 2..... | Harrisburg..... | 117 | ----- | ----- | ----- | 83 |
| 29 | Fred Mosman Coal Co., No. 1..... | Equality..... | 110 | ----- | ----- | ----- | 100 |
| 30 | Thos. Colbert..... | Equality..... | 100 | ----- | ----- | ----- | 100 |
| 31 | Henry Ragsdale..... | Equality..... | 100 | ----- | ----- | ----- | 75 |
| 32 | A. L. Tarlton..... | Equality..... | 60 | ----- | ----- | ----- | 60 |
| 33 | Thos. Osborn..... | Equality..... | 40 | ----- | ----- | ----- | 40 |
| 34 | Walter Finney..... | Equality..... | 25 | ----- | ----- | ----- | 21 |
| 35 | James Lands..... | Equality..... | 25 | ----- | ----- | ----- | 25 |
| 36 | James Yates..... | Equality..... | 25 | ----- | ----- | ----- | 25 |
| 36 local mines total..... | | | 33,546 | ----- | ----- | ----- | 29,654 |
| 44 all mines total..... | | | 2,734,233 | 2,019,373 | 541,086 | ----- | 90,303 |

WABASH COUNTY

| LOCAL MINES. | | | | | | |
|--------------------------|---------------------------|-------------------|--------|-------|-------|--------|
| 1 | Briar Hill Coal Co..... | Keensburg..... | 6,480 | ----- | ----- | 5,184 |
| 2 | White City Coal Co..... | Keensburg..... | 4,072 | ----- | ----- | 4,072 |
| 3 | Robert Wallace..... | Mt. Carmel..... | 1,319 | ----- | ----- | 1,147 |
| 4 | A. & P. Coal Co..... | Mt. Carmel..... | 1,049 | ----- | ----- | 1,014 |
| 5 | New Bluff Coal Co..... | Keensburg..... | 792 | ----- | ----- | 692 |
| 6 | Friendsville Coal Co..... | Friendsville..... | 500 | ----- | ----- | 500 |
| 6 local mines total..... | | ----- | 14,212 | ----- | ----- | 12,609 |

WHITE COUNTY

| SHIPPING MINE. | | | | | | |
|----------------|---------------------------------|------------------|--------|--------|-------|--------|
| 1 | Norris City Coal Mining Co..... | Norris City..... | 31,006 | 10,287 | ----- | 16,060 |

ELEVENTH DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 348 | | 11 | 140 | 22 | | | | 1 | | 1,285 | | | | 8 |
| 72 | | 5 | 71 | 64 | | | | | | | 1,066 | | | 9 |
| 286 | | 8 | 80 | 90 | | | | | | | 1,058 | | | 10 |
| 255 | | 4 | 200 | 56 | | | | | | | 1,022 | | | 11 |
| 50 | | 4 | 180 | 50 | | | | | | | 1,000 | | | 12 |
| | | 4 | 39 | 45 | | | | | | | 930 | | | 13 |
| 282 | | 8 | 106 | 38 | | | | | | | 846 | | | 14 |
| 153 | | 7 | 110 | 17 | | | | 1 | | 785 | | | | 15 |
| 200 | | 4 | 60 | 20 | | | | | | | 600 | | | 16 |
| 100 | | 2 | 125 | 40 | | | | | | | 500 | | | 17 |
| | | 4 | 65 | 25 | | | | | | | 500 | | | 18 |
| | | 2 | 100 | 20 | | | | | | | 500 | | | 19 |
| 90 | | 2 | 91 | 25 | | | | | | | 373 | | | 20 |
| | | 2 | 50 | 25 | | | | | | | 345 | | | 21 |
| | | 3 | 43 | 20 | | | | | | | 300 | | | 22 |
| 30 | | 1 | 72 | 28 | | | | | | | 230 | | | 23 |
| 20 | | 4 | 57 | 15 | | | | | | | 226 | | | 24 |
| 33 | | 2 | 33 | 11 | | | | | | | 133 | | | 25 |
| | | 2 | 43 | 5 | | | | | | | 125 | | | 26 |
| 30 | | 4 | 20 | 10 | | | | | | | 121 | | | 27 |
| 34 | | 2 | 75 | 7 | | | | | | | 117 | | | 28 |
| 10 | | 2 | 35 | 6 | | | | | | | 110 | | | 29 |
| | | 1 | 50 | 4 | | | | | | | 100 | | | 30 |
| 25 | | 2 | 33 | 9 | | | | | | | 100 | | | 31 |
| | | 2 | 30 | 5 | | | | | | | 60 | | | 32 |
| | | 1 | 13 | 3 | | | | | | | 40 | | | 33 |
| 4 | | 1 | 9 | 2 | | | | | | | 25 | | | 34 |
| | | 2 | 6 | 1 | | | | | | | 25 | | | 35 |
| | | 1 | 8 | 2 | | | | | | | 25 | | | 36 |
| 3,892 | | 153 | 86 | 1,624 | 1,350 | | | 2 | | 2,070 | 25,093 | 6,383 | | |
| 55,807 | 27,664 | 3,886 | 97 | 1,703 | 107,550 | 66 | 169,180 | 163 | 171 | 2,439,591 | 25,093 | 269,549 | 127 | |

ELEVENTH DISTRICT.

| | | | | | | | | | | | | | |
|-------|----|-----|-----|-------|--|--|--|--|--|--------|--|--|---|
| 1,296 | 10 | 200 | 360 | | | | | | | 6,480 | | | 1 |
| | 9 | 180 | 407 | | | | | | | 4,072 | | | 2 |
| 172 | 7 | 132 | | 2,000 | | | | | | 1,319 | | | 3 |
| 35 | 11 | 45 | | 1,900 | | | | | | 1,049 | | | 4 |
| 100 | 10 | 180 | 88 | | | | | | | 792 | | | 5 |
| | 6 | 42 | 34 | | | | | | | 500 | | | 6 |
| 1,603 | 53 | 130 | 889 | 3,900 | | | | | | 14,212 | | | |

ELEVENTH DISTRICT.

| | | | | | | | | | | | | | | |
|-------|-------|----|-----|--|-------|--|--|---|---|--------|--|--|---|---|
| 2,488 | 2,171 | 79 | 116 | | 4,500 | | | 3 | 1 | 31,006 | | | 6 | 1 |
|-------|-------|----|-----|--|-------|--|--|---|---|--------|--|--|---|---|

ELEVENTH DISTRICT, SHIPPING MINES

| Counties. | Number of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|-------------|------------------|-------------------|--------------------------------|-----------------------------|--------------------------|----------------------|-------------------|------------------------------------|
| | | | Loaded on cars for shipment. | Sold to railroad companies. | Supplied to locomotives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Saline..... | 8 | 2,700,687 | 2,019,373 | 541,086 | ----- | 60,649 | 51,915 | 27,664 |
| White..... | 1 | 31,006 | 10,287 | ----- | ----- | 16,060 | 2,488 | 2,171 |
| Total..... | 9 | 2,731,693 | 2,029,660 | 541,086 | ----- | 76,709 | 54,403 | 29,835 |

LOCAL MINES

| | | | | | | | | |
|---------------|----|--------|-------|-------|-------|--------|-------|-------|
| Gallatin..... | 19 | 33,656 | ----- | ----- | ----- | 32,046 | 1,610 | ----- |
| Pope..... | 1 | 200 | ----- | ----- | ----- | 200 | ----- | ----- |
| Saline..... | 36 | 33,546 | ----- | ----- | ----- | 29,654 | 3,892 | ----- |
| Wabash..... | 6 | 14,212 | ----- | ----- | ----- | 12,609 | 1,603 | ----- |
| Total..... | 62 | 81,614 | ----- | ----- | ----- | 74,509 | 7,105 | ----- |

ALL MINES

| | | | | | | | | |
|---------------|----|-----------|-----------|---------|-------|---------|--------|--------|
| Gallatin..... | 19 | 33,656 | ----- | ----- | ----- | 32,046 | 1,610 | ----- |
| Pope..... | 1 | 200 | ----- | ----- | ----- | 200 | ----- | ----- |
| Saline..... | 44 | 2,734,233 | 2,019,373 | 541,086 | ----- | 90,303 | 55,807 | 27,664 |
| Wabash..... | 6 | 14,212 | ----- | ----- | ----- | 12,609 | 1,603 | ----- |
| White..... | 1 | 31,006 | 10,287 | ----- | ----- | 16,060 | 2,488 | 2,171 |
| Total..... | 71 | 2,813,307 | 2,029,660 | 541,086 | ----- | 151,218 | 61,508 | 29,835 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|----------------------|---------------------------------|--------------------------|---------------------|-------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | | | Machine. | Hand. | Stripping. | |
| 3,733 79 | 147 116 | 79 | 106,200 4,500 | 66 | 169,180 | 161 3 | 171 1 | 2,437,521 31,006 | ----- | 263,166 | 127 6 |
| 3,812 | 144 | 79 | 110,700 | 66 | 169,180 | 164 | 172 | 2,468,527 | ----- | 263,166 | 133 |

ELEVENTH DISTRICT.

| | | | | | | | | | | | |
|----------------------|-----------------------|------------------------------|--------------------------------|----------------------------------|----------------------------------|--------------------------|----------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 81 3 153 53 | 71 78 86 130 | 386 ----- 1,624 889 | 3,800 600 1,350 3,900 | ----- ----- ----- ----- | ----- ----- ----- ----- | 2 ----- 2 ----- | ----- ----- ----- ----- | 27,178 ----- 2,070 ----- | 6,478 200 25,093 14,212 | ----- ----- 6,383 ----- | ----- ----- ----- ----- |
| 290 | 86 | 2,899 | 9,650 | ----- | ----- | 4 | ----- | 29,248 | 45,983 | 6,383 | ----- |

ELEVENTH DISTRICT.

| | | | | | | | | | | | |
|------------------------------|------------------------------|---------------------------------------|---|--|---|---------------------------------|-------------------------------------|---|---|---|-------------------------------------|
| 81 3 3,886 53 79 | 71 78 97 130 116 | 386 ----- 1,703 889 ----- | 3,800 600 107,550 3,900 4,500 | ----- ----- 66 ----- ----- | ----- ----- 169,180 ----- ----- | 2 ----- 163 ----- 3 | ----- ----- 171 ----- 1 | 27,178 ----- 2,439,591 ----- 31,006 | 6,478 200 25,093 14,212 ----- | ----- ----- 269,549 ----- ----- | ----- ----- 127 ----- 6 |
| 4,102 | 93 | 2,978 | 120,350 | 66 | 169,180 | 168 | 172 | 2,497,775 | 45,983 | 269,549 | 133 |

TWELFTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Twelfth Inspection District, comprising the coal producing counties of Johnson and Williamson, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

| | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|-----------|-----------|-----------|-----------|-----------|
| Number of counties producing coal..... | 2 | 2 | 2 | 2 | 2 |
| Number of shipping mines..... | 18 | 19 | 18 | 20 | 20 |
| Number of local mines..... | 85 | 85 | 77 | 61 | 57 |
| Number of employees underground..... | 2,127 | 2,557 | 2,701 | 4,151 | 4,313 |
| Number of employees on surface..... | 583 | 561 | 453 | 692 | 613 |
| Total number employed..... | 2,710 | 3,118 | 3,154 | 4,843 | 4,926 |
| Tons of coal produced in shipping mines..... | 1,899,152 | 1,892,183 | 1,807,728 | 2,090,098 | 4,033,845 |
| Tons of coal produced in local mines..... | 191,667 | 145,452 | 127,350 | 77,411 | 76,014 |
| Tons of coal produced, total..... | 2,090,819 | 2,037,635 | 1,935,078 | 2,167,509 | 4,109,859 |
| Days operated, shipping mines, average..... | 143 | 109 | 89 | 94 | 137 |
| Days operated, local mines, average..... | 137 | 116 | 101 | 112 | 112 |
| Number of undercutting machines..... | 60 | 70 | 71 | 143 | 184 |
| Tons undercut..... | 1,676,385 | 1,760,346 | 1,741,361 | 1,919,796 | 3,694,124 |
| Tons mined by hand..... | 281,944 | 180,608 | 167,013 | 213,368 | 180,756 |
| Tons mined in strip mines..... | 132,490 | 96,681 | 26,704 | 34,345 | 181,535 |
| Number of loading machines used..... | 169 | 266 | 270 | 344 | 231 |
| Tons loaded mechanically..... | 1,235,986 | 1,617,509 | 1,639,010 | 1,375,852 | 1,929,807 |
| Number of fatal accidents..... | 7 | 10 | 7 | 5 | 15 |
| Number of non-fatal accidents..... | 147 | 164 | 190 | 146 | 367 |
| Number of employees to each fatality..... | 387 | 312 | 455 | 969 | 328 |
| Number employed to each non-fatal accident..... | 18.4 | 19 | 16.8 | 33.2 | 13 |
| Tons of coal mined to each fatality..... | 298,688 | 203,763 | 276,440 | 433,502 | 273,990 |
| Tons mined to each non-fatal accident..... | 14,223 | 12,425 | 10,185 | 14,846 | 11,199 |
| Number of fatalities per 1,000 employed..... | 2.6 | 3.2 | 2.2 | 1.0 | 3.0 |
| Number injured per 1,000 employed..... | 54.2 | 52.6 | 59.7 | 30.1 | 74.5 |

| Year. | Number of— | | Tons mined in— | | Em- ployees. | | Average days worked. | | Acci- dents. | | Tons mined to one killed. |
|---|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|----------------------------|-----------------|-----------------|----------------|---------------------------------------|
| | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Shipping mines. | Local mines. | Fatal. | Non- fatal. | |
| 1929..... | 26 | 30 | 5,223,641 | 51,221 | 5,843 | 119 | 148 | 117 | 5 | 519 | 1,054,972 |
| 1930..... | 20 | 57 | 4,033,845 | 76,014 | 4,745 | 181 | 134 | 112 | 15 | 367 | 273,990 |
| 1931..... | 20 | 61 | 2,090,098 | 77,411 | 4,588 | 255 | 94 | 112 | 5 | 146 | 433,502 |
| 1932..... | 18 | 77 | 1,807,728 | 127,350 | 2,817 | 367 | 89 | 101 | 7 | 190 | 276,440 |
| 1933..... | 19 | 85 | 1,892,183 | 145,452 | 2,705 | 413 | 109 | 116 | 10 | 164 | 203,763 |
| Average for 5 years..... | 21 | 62 | 3,009,499 | 95,490 | 4,140 | 267 | 117 | 111 | 8 | 277 | 369,642 |
| 1934..... | 18 | 84 | 1,899,152 | 191,581 | 2,225 | 483 | 143 | 138 | 7 | 147 | 298,688 |
| Gain (+) or loss (—), 1934 over previous 5 years..... | -3 | +22 | -1,110,347 | +96,091 | -1,915 | +216 | +26 | +27 | -1 | -130 | -70,954 |

NEW MINES.

Carterville Mining & Engineering Co., Cambria in Williamson County.

Forsyth Carterville Coal Co., Carterville in Williamson County.

Rodney Coal Co., Herrin in Williamson County.

CHANGE OF NAME.

Cosgrove Meehan Coal Co., No. 1, to Franco Mining Corp., Johnston City in Williamson County.

McWherter Coal Co. to Old Bruce Coal Co., Johnston City in Williamson County.

Pendley & Wilkinson Coal Co. to L. L. Wilkinson, Marion in Williamson County.

FORMER LOCAL MINES WHICH OPERATED AS SHIPPING MINES.

M. H. Radford, Marion in Williamson County.

SHIPPING MINES WHICH OPERATED AS LOCAL MINES.

Old Bruce Coal Co., Johnston City in Williamson County.

L. L. Wilkinson, Marion in Williamson County.

Quality Coal Co., Marion in Williamson County.

Sunrise Coal Co., Cambria in Williamson County.

IDLE MINES.

Cosgrove Meehan Coal Co., No. 2, Pittsburg in Williamson County.

Cosgrove Meehan Coal Co., No. 3, Pittsburg in Williamson County.

Consolidated Coal Co., No. 8, Clifford in Williamson County.

Consolidated Coal Co., "L. C." Johnston City in Williamson County.

Madison Coal Corp. No. 12, Carterville in Williamson County.

Old Ben Coal Corp., No. 20, Herrin in Williamson County.

Skaggs Coal Co., Herrin in Williamson County.

FATAL ACCIDENTS.

January 11, Dave Howell, loader, age 68 years, married, was killed in Cosgrove-Meehan Coal Company's No. 1 mine, by a fall of coal. He leaves a widow.

January 16, Lee Eberhardt, machine man, age 44 years, married, was killed by a fall of coal in Old Ben Coal Corporation's No. 18 mine. He leaves a widow and six children.

January 23, James Bratcher, loader, age 60 years, single, was killed by falling rock in Freeman Coal Mining Company's mine.

April 26, Tony Burkis, timberman, age 47 years, married, died from injuries received two days before from a fall of slate in Cosgrove-Meehan Coal Company's No. 1 mine. He leaves a widow and one child.

November 26, Sam Jackson, trackman, age 43 years, married, died as a result of a fall of rock in Mine No. 18 of the Old Ben Coal Corp. He leaves a widow and five children.

December 3, Carl Rodman, apprentice miner, age 23 years, married, was killed by a fall of rock in the City Lake Coal Co. mine. He leaves a widow.

December 3, Ralph Shack, miner, age 29 years, married, was killed by a fall of rock in the City Lake Coal Co. mine. He leaves a widow and two dependent children.

Respectfully submitted,

FRED SCHOONOVER, *Inspector.*

FATAL ACCIDENTS, TWELFTH DISTRICT, 1934.

| Date of injury. | Date of death. | Name. | Age. | Occupation. | Residence. | Name of operator of mine. | Number of letter of mine. | Married. | Single. | Widow. | Children. | Dependents. | Cause of death. |
|-----------------|----------------|----------------|------|------------------|---------------|---------------------------|---------------------------|----------|---------|--------|-----------|-------------|------------------|
| Jan. 11 | 11 | Dave Howell | 63 | Loader | Johnston City | Cosgrove-Meehan Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | 1 Fall of coal. |
| Jan. 16 | 16 | Lee Eberhardt | 44 | Machine man | Johnston City | Old Ben Coal Corp. | 18 | 1 | 1 | 1 | 1 | 7 | 7 Fall of coal. |
| Jan. 23 | 23 | James Bratcher | 60 | Loader | Herrin | Freeman Coal Mining Co. | 1 | 1 | 1 | 1 | 1 | 2 | 2 Fall of rock. |
| Jan. 24 | 26 | Tony Burks | 47 | Timberman | Johnston City | Cosgrove-Meehan Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | 1 Fall of slate. |
| Nov. 26 | 26 | Sam Jackson | 43 | Trackman | Johnston City | Old Ben Coal Corp. | 18 | 1 | 1 | 1 | 1 | 6 | 6 Fall of rock. |
| Dec. 3 | 3 | Carl Rodman | 23 | Apprentice miner | Cambria | City Lake Coal Co. | 1 | 1 | 1 | 1 | 1 | 1 | 1 Fall of rock. |
| Dec. 3 | 3 | Ralph Shack | 29 | Miner | Cartersville | City Lake Coal Co. | 1 | 1 | 1 | 1 | 1 | 3 | 3 Fall of rock. |

NON-FATAL ACCIDENTS, TWELFTH DISTRICT.

257

| Name of operator. | Number injured. | Number not returned. | Days lost by men returned. | | Loss of 7 but less than 30 days. | | Loss of 30 or more days. | | Month in which accident occurred. |
|---|-----------------|----------------------|----------------------------|----------|----------------------------------|-------------------------------|--------------------------|-------------------------------|-----------------------------------|
| | | | Total. | Average. | Number injured. | Days lost. Total. Average. | Number injured. | Days lost. Total. Average. | Month. |
| Blue Hill Coal Co..... | 14 | 2 | 347 | 29 | 8 | 125 | 4 | 222 | January..... |
| Carbon Fuel Co..... | 5 | 1 | 49 | 12 | 4 | 49 | | | February..... |
| Cartersville Peacock Coal Co..... | 5 | | 169 | 34 | 3 | 38 | 2 | 131 | March..... |
| City Lake Coal Co..... | 1 | | | | | | | | April..... |
| Consolidated Coal Co. of St. Louis, No. 7 | 27 | 3 | 542 | 23 | 18 | 369 | 6 | 240 | May..... |
| Consumers Coal Co..... | 1 | | 15 | 15 | | | | | June..... |
| Cosgrove-Meehan Coal Co., No. 1 | 23 | 7 | 538 | 34 | 4 | 65 | 12 | 473 | July..... |
| Forsyth Cartersville Coal Co..... | 4 | 1 | 47 | 16 | 3 | 47 | | | August..... |
| Freeman Coal Mining Co..... | 5 | 1 | 116 | 29 | 3 | 50 | 1 | 66 | September..... |
| Old Ben Coal Corp., No. 18..... | 31 | 2 | 1,262 | 41 | 13 | 235 | 16 | 967 | October..... |
| Puritan Coal Co..... | 1 | | 14 | 14 | 1 | 14 | | | November..... |
| Seymour Coal Co..... | 16 | 2 | 384 | 27 | 9 | 152 | 5 | 232 | December..... |
| Wallace Coal Co..... | 8 | | 174 | 22 | 6 | 64 | 2 | 110 | |
| Shipping mines..... | 141 | 20 | 3,597 | 30 | 73 | 1,156 | 48 | 2,441 | |
| Local mines..... | 6 | | 107 | 18 | 5 | 77 | 1 | 30 | |
| Total..... | 147 | 20 | 3,704 | 29 | 78 | 1,293 | 49 | 2,471 | Total..... |
| | | | | | | | | 51 | |
| | | | | | | | | 30 | |
| | | | | | | | | 50 | |
| | | | | | | | | | 147 |

JOHNSON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|--------------------------|------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| LOCAL MINES. | | | | | | | |
| 1 | Kinslow & Hundley..... | New Burnside..... | 640 | ----- | ----- | ----- | 640 |
| 2 | J. W. Chambers..... | Vienna..... | 70 | ----- | ----- | ----- | 70 |
| 3 | A. O. Choat..... | Tunnel Hill..... | 15 | ----- | ----- | ----- | 15 |
| 4 | Jobe & Ross..... | Tunnel Hill..... | 4 | ----- | ----- | ----- | 4 |
| 4 local mines total..... | | | 729 | ----- | ----- | ----- | 729 |

WILLIAMSON COUNTY

| SHIPPING MINES. | | | | | | | |
|------------------------------|--|--------------------|-----------|-----------|---------|-------|--------|
| 1 | Old Ben Coal Corp., No. 18..... | Johnston City..... | 445,978 | 216,675 | 220,892 | ----- | 2,368 |
| 2 | Consolidated Coal Co. of St. Louis, No. 7..... | Herrin..... | 440,637 | 257,197 | 150,509 | ----- | 11,642 |
| 3 | Seymour Coal Co..... | Herrin..... | 286,363 | 195,313 | 76,856 | ----- | 958 |
| 4 | Franco Mining Corp., No. 1..... | Johnston City..... | 241,387 | 153,677 | 66,441 | ----- | 3,223 |
| 5 | Freeman Coal Mining Co..... | Herrin..... | 102,266 | 71,497 | 24,492 | ----- | 1,397 |
| 6 | Carterville Peacock Coal Co..... | Harrisburg..... | 94,575 | 55,901 | 36,437 | ----- | 537 |
| 7 | Wallace Coal Co..... | Marion..... | 94,105 | 70,841 | 18,211 | ----- | 473 |
| 8 | Blue Hill Coal Co..... | Marion..... | 92,970 | 80,113 | ----- | ----- | 1,696 |
| 9 | Carbon Fuel Co..... | Marion..... | 34,156 | 25,482 | 7,817 | ----- | 449 |
| 10 | City Lake Coal Co..... | Herrin..... | 14,679 | 14,679 | ----- | ----- | ----- |
| 11 | Forsyth Carterville Coal Co..... | Carterville..... | 13,730 | 10,968 | 2,762 | ----- | ----- |
| 12 | Consumers Coal & Materials Co..... | Marion..... | 9,678 | 513 | ----- | ----- | 9,165 |
| 13 | Spillertown Mining Co..... | Johnston City..... | 9,252 | 250 | ----- | ----- | 8,700 |
| 14 | New Watson Coal Co..... | Herrin..... | 6,455 | 6,455 | ----- | ----- | ----- |
| 15 | Puritan Coal Co., No. 1..... | Marion..... | 3,846 | 3,846 | ----- | ----- | ----- |
| 16 | Carterville Mining & Engineering Co..... | Cambria..... | 3,513 | 2,325 | 1,188 | ----- | ----- |
| 17 | Rodney Coal Co..... | Herrin..... | 3,430 | 3,430 | ----- | ----- | ----- |
| 18 | M. H. Radford..... | Marion..... | 2,132 | 2,132 | ----- | ----- | ----- |
| 18 shipping mines total..... | | | 1,899,152 | 1,171,294 | 605,605 | ----- | 40,608 |
| LOCAL MINES. | | | | | | | |
| 1 | Ray Henderickson..... | Marion..... | 12,720 | ----- | ----- | ----- | 9,540 |
| 2 | Blue Ribbon Coal Co..... | Marion..... | 12,256 | ----- | ----- | ----- | 9,856 |
| 3 | Vallie Corder..... | Marion..... | 7,550 | ----- | ----- | ----- | 7,550 |
| 4 | C. M. Bridis..... | Marion..... | 7,096 | ----- | ----- | ----- | 6,596 |
| 5 | Sunny Brook Coal Co..... | Marion..... | 7,089 | ----- | ----- | ----- | 6,514 |
| 6 | Moren Coal Co..... | Marion..... | 6,799 | ----- | ----- | ----- | 6,499 |
| 7 | C. M. & F. J. Bruce..... | Marion..... | 6,440 | ----- | ----- | ----- | 6,440 |
| 8 | New Black Diamond Coal Co., No. 3..... | Carterville..... | 5,742 | ----- | ----- | ----- | 5,562 |
| 9 | Sunrise Coal Co..... | Cambria..... | 5,655 | ----- | ----- | ----- | 5,655 |
| 10 | H. L. Wyatt..... | Herrin..... | 5,547 | ----- | ----- | ----- | 5,547 |
| 11 | New Block Coal Co..... | Carterville..... | 5,483 | ----- | ----- | ----- | 5,473 |
| 12 | Rock Creek Coal Co..... | Marion..... | 4,964 | ----- | ----- | ----- | 4,964 |
| 13 | Quality Coal Co..... | Marion..... | 4,500 | ----- | ----- | ----- | 4,200 |
| 14 | Floyd Marshall & James Smith..... | Marion..... | 4,400 | ----- | ----- | ----- | 4,250 |
| 15 | Chas. Hundley..... | Carterville..... | 4,100 | ----- | ----- | ----- | 4,100 |
| 16 | J. W. Hill..... | Marion..... | 3,990 | ----- | ----- | ----- | 3,940 |
| 17 | Brown & Roberts..... | Marion..... | 3,883 | ----- | ----- | ----- | 3,883 |
| 18 | Ogmore Coal Co..... | Cambria..... | 3,629 | ----- | ----- | ----- | 3,629 |
| 19 | Philip Fulkerson..... | Marion..... | 3,500 | ----- | ----- | ----- | 3,500 |
| 20 | Jefferies & Templeton..... | Herrin..... | 3,427 | ----- | ----- | ----- | 3,427 |
| 21 | Straud Coal Co..... | Marion..... | 3,168 | ----- | ----- | ----- | 3,168 |
| 22 | Floyd McDonald..... | Marion..... | 2,880 | ----- | ----- | ----- | 2,880 |

TWELFTH DISTRICT.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| ----- | ----- | 3 | 190 | 48 | ----- | ----- | ----- | ----- | ----- | ----- | 640 | ----- | ----- | 1 |
| ----- | ----- | 3 | 30 | 14 | ----- | ----- | ----- | ----- | ----- | ----- | 70 | ----- | ----- | 2 |
| ----- | ----- | 1 | 7 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15 | ----- | ----- | 3 |
| ----- | ----- | 1 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 4 | ----- | ----- | 4 |
| ----- | ----- | 8 | 58 | 62 | ----- | ----- | ----- | ----- | ----- | ----- | 729 | ----- | ----- | ----- |

TWELFTH DISTRICT.

| | | | | | | | | | | | | | | |
|--------|--------|-------|-----|-------|---------|-------|---------|-------|-------|-----------|---------|---------|-------|-------|
| 2,010 | 4,033 | 551 | 93 | ----- | ----- | ----- | ----- | 11 | 31 | 445,978 | ----- | ----- | ----- | 1 |
| 15,965 | 5,324 | 413 | 135 | ----- | ----- | ----- | 82,500 | 12 | 23 | 440,637 | ----- | ----- | ----- | 2 |
| ----- | 13,236 | 293 | 247 | 448 | 92,525 | ----- | ----- | 11 | 3 | 278,962 | 7,401 | ----- | 19 | 3 |
| 17,405 | 641 | 300 | 159 | ----- | ----- | ----- | 43,850 | 10 | 10 | 194,642 | 46,745 | ----- | ----- | 4 |
| 120 | 4,760 | 276 | 107 | ----- | ----- | ----- | 18,475 | 6 | 4 | 102,266 | ----- | ----- | 6 | 5 |
| 1,700 | ----- | 39 | 173 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 94,575 | ----- | 6 |
| ----- | 4,580 | 37 | 229 | ----- | 15,000 | ----- | ----- | 2 | 1 | 94,105 | ----- | ----- | 4 | 7 |
| 5,470 | 5,691 | 95 | 187 | ----- | 25,825 | ----- | ----- | 4 | 1 | 92,970 | ----- | ----- | 4 | 8 |
| ----- | 408 | 37 | 193 | 2,126 | ----- | ----- | ----- | ----- | 1 | ----- | 34,156 | ----- | 2 | 9 |
| ----- | ----- | 40 | 134 | 1,100 | ----- | ----- | ----- | ----- | ----- | ----- | 14,679 | ----- | 10 | 10 |
| ----- | ----- | 45 | 34 | ----- | 600 | ----- | 225 | ----- | ----- | ----- | ----- | 13,730 | ----- | 11 |
| ----- | ----- | 12 | 211 | 57 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 9,678 | ----- | 12 |
| 302 | ----- | 20 | 153 | 80 | ----- | ----- | ----- | 1 | ----- | 9,252 | ----- | ----- | 3 | 13 |
| ----- | ----- | 18 | 177 | 600 | ----- | ----- | ----- | ----- | ----- | ----- | 6,455 | ----- | 2 | 14 |
| ----- | ----- | 16 | 86 | 80 | ----- | ----- | ----- | 1 | ----- | 3,846 | ----- | ----- | 1 | 15 |
| ----- | ----- | 16 | 58 | ----- | ----- | 200 | ----- | ----- | ----- | ----- | ----- | 3,513 | ----- | 16 |
| ----- | ----- | 14 | 49 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | 3,430 | ----- | 1 | 17 |
| ----- | ----- | 3 | 153 | ----- | 200 | ----- | ----- | ----- | ----- | ----- | ----- | 2,132 | ----- | 18 |
| 42,972 | 38,673 | 2,225 | 143 | 4,494 | 134,150 | 200 | 145,050 | 58 | 74 | 1,662,658 | 112,866 | 123,628 | 52 | ----- |
| 3,180 | ----- | 9 | 306 | 680 | ----- | ----- | ----- | ----- | ----- | ----- | 12,720 | ----- | ----- | 1 |
| 2,400 | ----- | 23 | 240 | 340 | ----- | ----- | ----- | 1 | ----- | 10,555 | 1,701 | ----- | ----- | 2 |
| ----- | ----- | 12 | 168 | 604 | ----- | ----- | ----- | ----- | ----- | ----- | 7,550 | ----- | ----- | 3 |
| 500 | ----- | 11 | 200 | 295 | ----- | ----- | ----- | ----- | ----- | ----- | 7,096 | ----- | ----- | 4 |
| 575 | ----- | 6 | 270 | 400 | ----- | ----- | ----- | ----- | ----- | ----- | 7,089 | ----- | ----- | 5 |
| 300 | ----- | 10 | 190 | 282 | ----- | ----- | ----- | ----- | ----- | ----- | 6,799 | ----- | ----- | 6 |
| ----- | ----- | 9 | 250 | ----- | 11,250 | ----- | ----- | ----- | ----- | ----- | 6,440 | ----- | ----- | 7 |
| 180 | ----- | 16 | 186 | 114 | ----- | ----- | ----- | 1 | ----- | 3,172 | 2,570 | ----- | ----- | 8 |
| ----- | ----- | 6 | 195 | 226 | ----- | ----- | ----- | ----- | ----- | ----- | 5,655 | ----- | ----- | 9 |
| ----- | ----- | 8 | 295 | 242 | ----- | ----- | ----- | ----- | ----- | ----- | 5,547 | ----- | ----- | 10 |
| 10 | ----- | 14 | 273 | 388 | ----- | ----- | ----- | ----- | ----- | ----- | 5,483 | ----- | ----- | 11 |
| ----- | ----- | 8 | 240 | 300 | ----- | ----- | ----- | ----- | ----- | ----- | 4,964 | ----- | ----- | 12 |
| 300 | ----- | 15 | 120 | 540 | ----- | ----- | ----- | ----- | ----- | ----- | 4,500 | ----- | ----- | 13 |
| 150 | ----- | 2 | 260 | 223 | ----- | ----- | ----- | ----- | ----- | ----- | 4,400 | ----- | ----- | 14 |
| ----- | ----- | 6 | 205 | 200 | ----- | ----- | ----- | ----- | ----- | ----- | 4,100 | ----- | ----- | 15 |
| 50 | ----- | 5 | 175 | 395 | ----- | ----- | ----- | ----- | ----- | ----- | 3,990 | ----- | ----- | 16 |
| ----- | ----- | 5 | 275 | 295 | ----- | ----- | ----- | ----- | ----- | ----- | 3,853 | ----- | ----- | 17 |
| ----- | ----- | 11 | 74 | 244 | ----- | ----- | ----- | ----- | ----- | ----- | 3,629 | ----- | ----- | 18 |
| ----- | ----- | 8 | 240 | ----- | 3,700 | ----- | ----- | ----- | ----- | ----- | 3,500 | ----- | ----- | 19 |
| ----- | ----- | 12 | 165 | 190 | ----- | ----- | ----- | ----- | ----- | ----- | 3,427 | ----- | ----- | 20 |
| ----- | ----- | 5 | 200 | 200 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 3,168 | ----- | 21 |
| ----- | ----- | 4 | 240 | 225 | ----- | ----- | ----- | ----- | ----- | ----- | 2,880 | ----- | ----- | 22 |

WILLIAMSON COUNTY

| Number. | Name of operator. | Post office address of the mine. | Disposition of output—tons. | | | | |
|----------------------|---------------------------|----------------------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | Total. | Tons loaded on cars for shipment. | Tons sold to railroad companies. | Tons supplied to locomotives. | Tons sold to local trade. |
| 23 | Sims & Angel | Marion | 2,800 | | | | 2,800 |
| 24 | Moore & Son | Marion | 2,750 | | | | 2,500 |
| 25 | Cambria Coal Co. | Cambria | 2,580 | | | | 2,550 |
| 26 | Helms & Smiley | Marion | 2,500 | | | | 2,000 |
| 27 | Springhart Bros. | Marion | 2,500 | | | | 2,500 |
| 28 | Staudacher & Penley | Marion | 2,423 | | | | 2,423 |
| 29 | Old Bruce Coal Co. | Johnston City | 2,415 | | | | 1,600 |
| 30 | Snider Coal Co. | Marion | 2,400 | | | | 2,400 |
| 31 | Evan Rentfro | Marion | 2,310 | | | | 1,775 |
| 32 | Young Bros. | Carterville | 2,248 | | | | 2,248 |
| 33 | I. D. Gosnell | Blairsville | 2,242 | | | | 2,042 |
| 34 | Old Hickory Coal Co. | Marion | 2,153 | | | | 2,153 |
| 35 | Kenneth McDonald | Marion | 2,015 | | | | 2,015 |
| 36 | Seigel Ledford | Stonefort | 2,000 | | | | 2,000 |
| 37 | Wayne Wilson | Marion | 2,000 | | | | 2,000 |
| 38 | Gresham & Roberts | Marion | 1,996 | | | | 1,996 |
| 39 | Peerless Coal Co. | Cambria | 1,690 | | | | 1,690 |
| 40 | Alex McCluskie | Marion | 1,650 | | | | 1,650 |
| 41 | Harris Bros. | Marion | 1,500 | | | | 1,000 |
| 42 | Herman Issler | Marion | 1,500 | | | | 1,500 |
| 43 | Chas. L. Weisbrodt | Marion | 1,500 | | | | 1,350 |
| 44 | Chas. J. Bruce | Marion | 1,380 | | | | 1,270 |
| 45 | R. E. Clark & Co. | Carbondale | 1,252 | | | | 1,252 |
| 46 | L. L. Wilkinson | Marion | 1,163 | | | | 1,163 |
| 47 | Bart McNeill | Herrin | 1,000 | | | | 1,000 |
| 48 | Tony Polinski | Marion | 1,000 | | | | 1,000 |
| 49 | Tripp & Rushing | Carterville | 1,000 | | | | 800 |
| 50 | Gabriel Bros. | Marion | 950 | | | | 950 |
| 51 | NuWay Coal Co. | Marion | 939 | | | | 939 |
| 52 | Thomas Hickey | Marion | 912 | | | | 912 |
| 53 | Nolia Williamson Coal Co. | Carterville | 900 | | | | 900 |
| 54 | Walter Kelton | Pittsburg | 850 | | | | 850 |
| 55 | Deep Vein Coal Co. | Marion | 831 | | | | 831 |
| 56 | Phillips Coal Co. | Carterville | 750 | | | | 750 |
| 57 | Hemlock Coal Co. | Marion | 705 | | | | 705 |
| 58 | V. A. Schillinger | Marion | 700 | | | | 450 |
| 59 | Blue Blaze Coal Co. | Marion | 690 | | | | 690 |
| 60 | Gabriel Coal Co. | Marion | 606 | | | | 606 |
| 61 | Black Diamond Coal Co. | Marion | 602 | | | | 602 |
| 62 | Charles M. Hughes | Marion | 575 | | | | 491 |
| 63 | Guy Pulley | Marion | 400 | | | | 400 |
| 64 | W. A. Wilson | Dongola | 395 | | | | 380 |
| 65 | Tony Sobczyk | Marion | 362 | | | | 362 |
| 66 | Elkins & Richey | Cambria | 350 | | | | 350 |
| 67 | Evert Parton | Stonefort | 330 | | | | 330 |
| 68 | D. M. Humphrey | Carterville | 301 | | | | 251 |
| 69 | J. R. Wilson | West Frankfort | 300 | | | | 300 |
| 70 | A. Singley & Son | Cambria | 300 | | | | 300 |
| 71 | Hosia Tanner | Marion | 300 | | | | 300 |
| 72 | H. H. Cooksey | Marion | 292 | | | | 292 |
| 73 | Grant & Odum | Marion | 225 | | | | 168 |
| 74 | Hampton Coal Co. | Carterville | 178 | | | | 178 |
| 75 | McIntosh Coal Co. | Johnston City | 150 | | | | 150 |
| 76 | Everett Threlkeld | Marion | 86 | | | | 86 |
| 77 | Ed Nolen | Marion | 54 | | | | 46 |
| 78 | Frank Sobczyk | Marion | 35 | | | | 23 |
| 79 | Cobb & Nace | Johnston City | 30 | | | | 30 |
| 80 | Wilkins Coal Co. | Marion | 30 | | | | 25 |
| 81 | Ed Freels | Marion | 25 | | | | 25 |
| 81 local mines total | | | 190,938 | | | | 179,552 |
| 99 all mines total | | | 2,090,090 | 1,171,294 | 605,605 | | 220,160 |

TWELFTH DISTRICT—Concluded.

| Disposition of output—tons. | | Total employees. | Days of active operation. | Explosives used for blasting coal. | | | | Number of— | | Tons mined by machine. | Tons mined by hand. | Tons mined in strip mines. | Number animals underground. | Number. |
|-----------------------------|------------------------------------|------------------|---------------------------|------------------------------------|-----------------------|------------------|----------------------|------------------|---------|------------------------|---------------------|----------------------------|-----------------------------|---------|
| Tons consumed at the mine. | All coal not sold including waste. | | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissibles—pounds. | Mining machines. | Motors. | | | | | |
| 250 | | 5 | 112 | 233 | | | | | | | 2,800 | | | 23 |
| | | 10 | 138 | 50 | | | | | | | 2,750 | | | 24 |
| 500 | | 8 | 196 | 129 | | | | | | | 2,550 | | | 25 |
| | | 4 | 150 | 168 | | | | | | | 2,500 | | | 26 |
| | | 2 | 240 | 166 | | | | | | | 2,500 | | | 27 |
| | | 5 | 263 | 102 | | | | | | | 2,423 | | | 28 |
| 815 | | 8 | 100 | 120 | | | | | | | 2,415 | | | 29 |
| | | 20 | 200 | 135 | | | | | | | 2,400 | | | 30 |
| 535 | | 5 | 148 | 156 | | | | | | | 2,310 | | | 31 |
| | | 4 | 150 | 77 | | | | | | | 2,248 | | | 32 |
| 200 | | 7 | 112 | 150 | | | | | | | 2,242 | | | 33 |
| | | 6 | 270 | | 1,450 | | | | | | 2,153 | | | 34 |
| | | 4 | 240 | 150 | | | | | | | 2,015 | | | 35 |
| | | 6 | 150 | 135 | | | | | | | 2,000 | | | 36 |
| | | 4 | 150 | 80 | | | | | | | 2,000 | | | 37 |
| | | 6 | 200 | 200 | | | | | | | 1,996 | | | 38 |
| | | 7 | 35 | 60 | | | | | | | 1,690 | | | 39 |
| | | 8 | 160 | 83 | | | | | | | 1,650 | | | 40 |
| 500 | | 4 | 234 | 125 | | | | | | | 1,500 | | | 41 |
| | | 2 | 200 | 15 | | | | | | | | 1,500 | | 42 |
| 150 | | 2 | 100 | 20 | | | | | | | 50 | 1,450 | | 43 |
| 110 | | 4 | 130 | 15 | | | | | | | 1,380 | | | 44 |
| | | 4 | 100 | 75 | | | | | | | 1,252 | | | 45 |
| | | 3 | 65 | 20 | | | | | | | | 1,163 | | 46 |
| | | 4 | 75 | 50 | | | | | | | 1,000 | | | 47 |
| | | 5 | 84 | 32 | | | | | | | 1,000 | | | 48 |
| 200 | | 5 | 100 | 40 | | | | | | | 1,000 | | | 49 |
| | | 4 | 122 | 47 | | | | | | | 950 | | | 50 |
| | | 5 | 136 | 39 | | | | | | | 939 | | | 51 |
| | | 6 | 121 | 61 | | | | | | | 912 | | | 52 |
| | | 8 | 131 | 32 | | | | | | | 900 | | | 53 |
| | | 2 | 130 | 24 | | | | | | | 850 | | | 54 |
| | | 4 | 90 | 25 | | | | | | | 831 | | | 55 |
| | | 7 | 50 | 35 | | | | | | | 750 | | | 56 |
| | | 8 | 33 | 14 | | | | | | | | 705 | | 57 |
| 250 | | 2 | 108 | 30 | | | | | | | 700 | | | 58 |
| | | 4 | 120 | | | | | | | | 690 | | | 59 |
| | | 2 | 90 | 50 | | | | | | | 606 | | | 60 |
| | | 2 | 180 | 35 | | | | | | | 602 | | | 61 |
| 84 | | 1 | 90 | 8 | | | | | | | | 575 | | 62 |
| | | 5 | 100 | 40 | | | | | | | 400 | | | 63 |
| 15 | | 6 | 50 | 16 | | | | | | | 395 | | | 64 |
| | | 2 | 90 | 9 | | | | | | | 362 | | | 65 |
| | | 3 | 40 | 30 | | | | | | | 350 | | | 66 |
| | | 2 | 80 | | 350 | | | | | | 350 | | | 67 |
| 50 | | 1 | 56 | 4 | | | | | | | | 301 | | 68 |
| | | 4 | 90 | 19 | | | | | | | 300 | | | 69 |
| | | 4 | 210 | 50 | | | | | | | 300 | | | 70 |
| | | 3 | 100 | 35 | | | | | | | 300 | | | 71 |
| | | 6 | 33 | 23 | | | | | | | 292 | | | 72 |
| | | 3 | 45 | 15 | | | | | | | 225 | | | 73 |
| | | 3 | 109 | 21 | | | | | | | 178 | | | 74 |
| | | 2 | 30 | 7 | | | | | | | 150 | | | 75 |
| | | 2 | 28 | 1 | | | | | | | 86 | | | 76 |
| 8 | | 3 | 15 | 3 | | | | | | | 54 | | | 77 |
| 12 | | 2 | 12 | 2 | | | | | | | 35 | | | 78 |
| | | 3 | 25 | 2 | | | | | | | 30 | | | 79 |
| 5 | | 3 | 18 | | 50 | | | | | | 30 | | | 80 |
| | | 2 | 20 | 2 | | | | | | | 25 | | | 81 |
| 11,386 | | 477 | 141 | 9,648 | 16,800 | | | 2 | | 13,727 | 168,349 | 8,862 | | |
| 54,358 | 38,673 | 2,702 | 141 | 14,142 | 150,950 | 200 | 145,050 | 60 | 74 | 1,676,385 | 281,215 | 132,490 | 52 | |

TWELFTH DISTRICT, SHIPPING MINES

| Counties. | Num- ber of mines. | Total tons mined. | Disposition of output in tons. | | | | | |
|-----------------|--------------------------|-------------------------|---|--|---------------------------------------|----------------------------|-------------------------|---|
| | | | Loaded on cars for ship- ment. | Sold to railroad com- panies. | Sup- plied to loco- motives. | Sold to local trade. | Used at the mine. | All coal not sold including waste. |
| Williamson..... | 18 | 1,899,152 | 1,171,294 | 605,605 | ----- | 40,608 | 42,972 | 38,673 |

LOCAL MINES

| | | | | | | | | |
|-----------------|----|---------|-------|-------|-------|---------|--------|-------|
| Johnson..... | 4 | 729 | ----- | ----- | ----- | 729 | ----- | ----- |
| Williamson..... | 81 | 190,938 | ----- | ----- | ----- | 179,552 | 11,386 | ----- |
| Total..... | 85 | 191,667 | ----- | ----- | ----- | 180,281 | 11,386 | ----- |

ALL MINES

| | | | | | | | | |
|-----------------|-----|-----------|-----------|---------|-------|---------|--------|--------|
| Johnson..... | 4 | 729 | ----- | ----- | ----- | 729 | ----- | ----- |
| Williamson..... | 99 | 2,090,090 | 1,171,294 | 605,605 | ----- | 220,160 | 54,358 | 38,673 |
| Total..... | 103 | 2,090,819 | 1,171,294 | 605,605 | ----- | 220,889 | 54,358 | 38,673 |

RECAPITULATION BY COUNTIES.

| Total employees. | Average days operated. | Explosives used for blasting coal. | | | | Number of mining machines used. | Number of motors in use. | Tons mined by— | | | Number of animals underground. |
|------------------|------------------------|------------------------------------|-----------------------|------------------|---------------------|---------------------------------|--------------------------|----------------|---------|------------|--------------------------------|
| | | Powder—kegs. | Pellet powder—pounds. | Dynamite—pounds. | Permissible—pounds. | | | Machine. | Hand. | Stripping. | |
| 2,225 | 143 | 4,494 | 134,150 | 200 | 145,050 | 58 | 74 | 1,662,658 | 112,866 | 123,628 | 52 |

TWELFTH DISTRICT.

| | | | | | | | | | | | |
|-----|-----|-------|--------|-------|-------|-------|-------|--------|---------|-------|-------|
| 8 | 58 | 62 | ----- | ----- | ----- | ----- | ----- | ----- | 729 | ----- | ----- |
| 477 | 141 | 9,648 | 16,800 | ----- | ----- | 2 | ----- | 13,727 | 168,349 | 8,862 | ----- |
| 485 | 137 | 9,710 | 16,800 | ----- | ----- | 2 | ----- | 13,727 | 169,078 | 8,862 | ----- |

TWELFTH DISTRICT.

| | | | | | | | | | | | |
|-------|-----|--------|---------|-------|---------|-------|-------|-----------|---------|---------|-------|
| 8 | 58 | 62 | ----- | ----- | ----- | ----- | ----- | ----- | 729 | ----- | ----- |
| 2,702 | 141 | 14,142 | 150,950 | 200 | 145,050 | 60 | 74 | 1,676,385 | 281,215 | 132,490 | 52 |
| 2,710 | 138 | 14,204 | 150,950 | 200 | 145,050 | 60 | 74 | 1,676,385 | 281,944 | 132,490 | 52 |

SUPPLEMENT.

Report of Division of Inspection.

Report of Division of Miners' Examination.

Report of Division of Mine Rescue.

Report of Division of Economic Investigation.

Report of Division of Fluorspar.

Report of State Mining Board.

Lists of candidates issued certificates of competency as State Inspectors, Mine Managers, Mine Examiners and Hoisting Engineers.

REPORT OF DIVISION OF INSPECTION.

The report of the services rendered by State Inspectors of Mines is shown as follows:

| | |
|---|-------|
| Days Inspecting Mines..... | 2,007 |
| Other Classified Service | 900 |
| Miscellaneous Service | 643 |
| | <hr/> |
| Total Days | 3,550 |
| Average Days for each Inspector | 296 |
| Average Days Inspecting Mines | 167 |
| Average Days in Other Classified Service..... | 75 |
| Average Days in Miscellaneous Service | 54 |
| Number of Inspections made..... | 2,567 |
| Average Inspections for each Inspector..... | 214 |

SUMMARY OF SPECIFIC WORK REPORT FOR 1934

| District. | Inspecting mines. | | | | Other classified duties—days worked. | | | | | | | | | | Miscellaneous services. | | Total days. |
|---------------|---------------------|--------------|---------------------|--------------|--------------------------------------|--------------|------------------------------------|--------------------------|-----------------|---------------------------|--------------|------------|--|--|-------------------------|-------------------|-------------|
| | Shipping. | | Local. | | Total. | | Per cent of time inspecting mines. | Investigating accidents. | Testing scales. | Investigating complaints. | Office work. | Traveling. | Total days in other classified duties. | Per cent of time in other classified duties. | Days worked. | Per cent of time. | |
| | Num-ber in-spected. | Days worked. | Num-ber in-spected. | Days worked. | Num-ber in-spected. | Days worked. | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| First..... | 19 | 28 | 264 | 144 | 283 | 172 | 57.0 | 6 | 1 | 29 | 51 | 7 | 94 | 31.1 | 36 | 11.9 | 302 |
| Second..... | 14 | 21 | 230 | 160 | 244 | 181 | 59.0 | 3 | 3 | 57 | 29 | 15 | 105 | 34.2 | 21 | 6.8 | 307 |
| Third..... | 31 | 38 | 495 | 117 | 526 | 155 | 52.4 | 3 | 1 | 5 | 42 | 9 | 60 | 20.3 | 81 | 27.3 | 296 |
| Fourth..... | 32 | 54 | 83 | 64 | 115 | 118 | 38.6 | 17 | --- | 62 | 33 | 31 | 143 | 46.7 | 45 | 14.7 | 306 |
| Fifth..... | 11 | 27 | 208 | 191 | 219 | 218 | 71.0 | 13 | 2 | 1 | 13 | 11 | 40 | 13.0 | 49 | 16.0 | 307 |
| Sixth..... | 39 | 86 | 202 | 78 | 241 | 164 | 58.2 | 5 | --- | 7 | 23 | 6 | 41 | 14.5 | 77 | 27.3 | 282 |
| Seventh..... | 32 | 73 | 49 | 43 | 81 | 116 | 40.0 | 10 | 4 | 11 | 45 | 15 | 85 | 29.3 | 89 | 30.7 | 290 |
| Eighth..... | 47 | 56 | 50 | 40 | 97 | 96 | 33.8 | 6 | 17 | 30 | 47 | 14 | 114 | 40.1 | 74 | 26.1 | 284 |
| Ninth..... | 86 | 101 | 134 | 71 | 220 | 172 | 66.1 | 5 | 8 | 16 | 6 | 5 | 40 | 15.4 | 48 | 18.5 | 260 |
| Tenth..... | 48 | 187 | 5 | 3 | 53 | 190 | 62.5 | 17 | 1 | 18 | 35 | 5 | 76 | 25.0 | 38 | 12.5 | 304 |
| Eleventh..... | 27 | 62 | 169 | 135 | 196 | 197 | 64.2 | 2 | 4 | 9 | 22 | 22 | 59 | 19.2 | 51 | 16.6 | 307 |
| Twelfth..... | 49 | 58 | 243 | 170 | 292 | 228 | 74.8 | 6 | --- | 2 | 31 | 4 | 43 | 14.1 | 34 | 11.1 | 305 |
| Total..... | 435 | 791 | 2,132 | 1,216 | 2,567 | 2,007 | 56.5 | 93 | 39 | 247 | 377 | 144 | 900 | 25.4 | 643 | 18.1 | 3,550 |

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED

| Date. | Place of meeting. | Number of successful applicants. | Number of certificates issued. | Fees collected. |
|---------|---------------------|----------------------------------|--------------------------------|-----------------|
| Jan. 9 | Peoria..... | 17 | 17 | \$34.00 |
| 10 | Canton..... | 6 | 6 | 12.00 |
| 11 | Galesburg..... | 7 | 7 | 14.00 |
| 12 | LaSalle..... | 6 | 6 | 12.00 |
| 16 | Staunton..... | 2 | 2 | 4.00 |
| 17 | West Frankfort..... | 11 | 11 | 22.00 |
| 18 | Harrisburg..... | 12 | 12 | 24.00 |
| 19 | Sparta..... | 16 | 16 | 32.00 |
| 20 | Collinsville..... | 7 | 7 | 14.00 |
| 23 | Springfield..... | 22 | 22 | 44.00 |
| 24 | Taylorville..... | 12 | 12 | 24.00 |
| 25 | Danville..... | 18 | 18 | 36.00 |
| Feb. 6 | Peoria..... | 9 | 9 | 18.00 |
| 7 | Kewanee..... | 23 | 23 | 46.00 |
| 8 | Rock Island..... | 16 | 16 | 32.00 |
| 9 | LaSalle..... | 3 | 3 | 6.00 |
| 13 | Gillespie..... | 3 | 3 | 6.00 |
| 14 | West Frankfort..... | 23 | 23 | 46.00 |
| 15 | Herrin..... | 29 | 29 | 58.00 |
| 16 | DuQuoin..... | 10 | 10 | 20.00 |
| 17 | Decatur..... | 9 | 9 | 18.00 |
| 20 | Springfield..... | 22 | 22 | 44.00 |
| 21 | Shelbyville..... | 23 | 23 | 46.00 |
| 22 | Danville..... | 6 | 6 | 12.00 |
| Mar. 6 | Peoria..... | 4 | 4 | 8.00 |
| 7 | Canton..... | 4 | 4 | 8.00 |
| 8 | Galesburg..... | 2 | 2 | 4.00 |
| 9 | LaSalle..... | 6 | 6 | 12.00 |
| 13 | Staunton..... | 1 | 1 | 2.00 |
| 14 | West Frankfort..... | 12 | 12 | 24.00 |
| 15 | Harrisburg..... | 17 | 17 | 34.00 |
| 16 | Centralia..... | 4 | 4 | 8.00 |
| 17 | Belleville..... | 7 | 7 | 14.00 |
| 20 | Springfield..... | 1 | 1 | 2.00 |
| 21 | Taylorville..... | 4 | 4 | 8.00 |
| 22 | Danville..... | 3 | 3 | 6.00 |
| Apr. 11 | Gillespie..... | 2 | 2 | 4.00 |
| 12 | West Frankfort..... | 8 | 8 | 16.00 |
| 13 | Herrin..... | 9 | 9 | 18.00 |
| 14 | Belleville..... | 3 | 3 | 6.00 |
| 17 | Peoria..... | 11 | 11 | 22.00 |
| 18 | Canton..... | 8 | 8 | 16.00 |
| 19 | Galesburg..... | 7 | 7 | 14.00 |
| 20 | LaSalle..... | 4 | 4 | 8.00 |
| 24 | Springfield..... | 7 | 7 | 14.00 |
| 25 | Taylorville..... | 1 | 1 | 2.00 |
| 26 | Decatur..... | 3 | 3 | 6.00 |
| 27 | Danville..... | 6 | 6 | 12.00 |
| May 8 | Peoria..... | 1 | 1 | 2.00 |
| 9 | Canton..... | 4 | 4 | 8.00 |
| 10 | Kewanee..... | 1 | 1 | 2.00 |
| 11 | LaSalle..... | 2 | 2 | 4.00 |
| 16 | Staunton..... | 6 | 6 | 12.00 |
| 17 | Roodhouse..... | 2 | 2 | 4.00 |
| 18 | Collinsville..... | 1 | 1 | 2.00 |
| 19 | Belleville..... | 3 | 3 | 6.00 |
| 22 | Springfield..... | 3 | 3 | 6.00 |
| 23 | Taylorville..... | 1 | 1 | 2.00 |
| 24 | Shelbyville..... | 1 | 1 | 2.00 |
| 25 | Decatur..... | 2 | 2 | 4.00 |
| June 5 | Peoria..... | 1 | 1 | 2.00 |
| 6 | Galesburg..... | 1 | 1 | 2.00 |
| 7 | Rock Island..... | 1 | 1 | 2.00 |
| 8 | LaSalle..... | 3 | 3 | 6.00 |
| 12 | Gillespie..... | 1 | 1 | 2.00 |
| 13 | Sesser..... | 3 | 3 | 6.00 |
| 14 | West Frankfort..... | 2 | 2 | 4.00 |
| 15 | Harrisburg..... | 5 | 5 | 10.00 |
| 16 | Sparta..... | 11 | 11 | 22.00 |
| 19 | Springfield..... | 3 | 3 | 6.00 |
| 20 | Pana..... | 2 | 2 | 4.00 |
| 21 | Danville..... | 4 | 4 | 8.00 |

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES
ISSUED AND AMOUNT OF FEES COLLECTED—Concluded.

| Date. | Place of meeting. | Number of successful applicants. | Number of certificates issued. | Fees collected. |
|------------|------------------------|--|--------------------------------------|--------------------|
| July | 9 Staunton..... | 4 | 4 | 8.00 |
| | 10 West Frankfort..... | 4 | 4 | 8.00 |
| | 11 Harrisburg..... | 3 | 3 | 6.00 |
| | 12 Herrin..... | 6 | 6 | 12.00 |
| | 13 DuQuoin..... | 9 | 9 | 18.00 |
| | 14 Belleville..... | 6 | 6 | 12.00 |
| | 16 Taylorville..... | 4 | 4 | 8.00 |
| | 17 Springfield..... | 2 | 2 | 4.00 |
| | 18 Peoria..... | 1 | 1 | 2.00 |
| | 19 Canton..... | 7 | 7 | 14.00 |
| | 20 Galesburg..... | 4 | 4 | 8.00 |
| | 21 LaSalle..... | 4 | 4 | 8.00 |
| Aug. | 6 Gillespie..... | 9 | 9 | 18.00 |
| | 7 West Frankfort..... | 8 | 8 | 16.00 |
| | 8 Harrisburg..... | 12 | 12 | 24.00 |
| | 9 Herrin..... | 5 | 5 | 10.00 |
| | 10 Centralia..... | 3 | 3 | 6.00 |
| | 11 Belleville..... | 6 | 6 | 12.00 |
| | 13 Canton..... | 7 | 7 | 14.00 |
| | 14 Peoria..... | 10 | 10 | 20.00 |
| | 15 Springfield..... | 9 | 9 | 18.00 |
| | 16 Taylorville..... | 6 | 6 | 12.00 |
| | 17 Danville..... | 6 | 6 | 12.00 |
| | 18 Decatur..... | 4 | 4 | 8.00 |
| Sept. | 5 Peoria..... | 8 | 8 | 16.00 |
| | 6 Kewanee..... | 23 | 23 | 46.00 |
| | 7 LaSalle..... | 7 | 7 | 14.00 |
| | 11 Staunton..... | 6 | 6 | 12.00 |
| | 12 West Frankfort..... | 7 | 7 | 14.00 |
| | 13 Herrin..... | 8 | 8 | 16.00 |
| | 14 DuQuoin..... | 2 | 2 | 4.00 |
| | 15 Collinsville..... | 8 | 8 | 16.00 |
| | 18 Roodhouse..... | 14 | 14 | 28.00 |
| | 19 Macomb..... | 49 | 49 | 98.00 |
| | 20 Rushville..... | 60 | 60 | 120.00 |
| | 21 Springfield..... | 17 | 17 | 34.00 |
| Oct. | 2 Peoria..... | 14 | 14 | 28.00 |
| | 3 Canton..... | 12 | 12 | 24.00 |
| | 4 Rock Island..... | 33 | 33 | 66.00 |
| | 5 LaSalle..... | 16 | 16 | 32.00 |
| | 9 Springfield..... | 9 | 9 | 18.00 |
| | 10 Taylorville..... | 10 | 10 | 20.00 |
| | 11 Shelbyville..... | 6 | 6 | 12.00 |
| | 12 Danville..... | 25 | 25 | 50.00 |
| | 16 Gillespie..... | 2 | 2 | 4.00 |
| | 17 West Frankfort..... | 38 | 38 | 76.00 |
| | 18 Harrisburg..... | 18 | 18 | 36.00 |
| | 19 Belleville..... | 11 | 11 | 22.00 |
| Nov. | 7 Staunton..... | 7 | 7 | 14.00 |
| | 8 West Frankfort..... | 23 | 23 | 46.00 |
| | 9 Belleville..... | 7 | 7 | 14.00 |
| | 13 Peoria..... | 11 | 11 | 22.00 |
| | 14 Galesburg..... | 21 | 21 | 42.00 |
| | 15 Kewanee..... | 12 | 12 | 24.00 |
| | 16 LaSalle..... | 12 | 12 | 24.00 |
| | 20 Taylorville..... | 8 | 8 | 16.00 |
| | 21 Pana..... | 4 | 4 | 8.00 |
| | 22 Decatur..... | 19 | 19 | 38.00 |
| | 23 Danville..... | 27 | 27 | 54.00 |
| | 27 Springfield..... | 24 | 24 | 48.00 |
| Dec. | 4 Peoria..... | 12 | 12 | 24.00 |
| | 5 Canton..... | 3 | 3 | 6.00 |
| | 6 Rock Island..... | 8 | 8 | 16.00 |
| | 7 LaSalle..... | 5 | 5 | 10.00 |
| | 11 Gillespie..... | 1 | 1 | 2.00 |
| | 12 West Frankfort..... | 20 | 20 | 40.00 |
| | 13 Herrin..... | 11 | 11 | 22.00 |
| | 14 Sparta..... | 20 | 20 | 40.00 |
| | 18 Springfield..... | 15 | 15 | 30.00 |
| | 19 Taylorville..... | 9 | 9 | 18.00 |
| | 20 Paris..... | 7 | 7 | 14.00 |
| | 21 Danville..... | 5 | 5 | 10.00 |
| Total..... | | 1,343 | 1,343 | \$2,686.00 |

SUMMARY.

| Place of meeting. | Number of— | | | Amount of fees collected. |
|---------------------|-------------------|---------------------------|-------------------------|---------------------------------|
| | Meetings held. | Successful applicants. | Certificates issued. | |
| Belleville..... | 7 | 43 | 43 | \$ 86.00 |
| Canton..... | 8 | 51 | 51 | 102.00 |
| Centralia..... | 2 | 7 | 7 | 14.00 |
| Collinsville..... | 3 | 16 | 16 | 32.00 |
| Danville..... | 9 | 100 | 100 | 200.00 |
| Decatur..... | 5 | 37 | 37 | 74.00 |
| DuQuoin..... | 3 | 21 | 21 | 42.00 |
| Galesburg..... | 6 | 42 | 42 | 84.00 |
| Gillespie..... | 6 | 18 | 18 | 36.00 |
| Harrisburg..... | 6 | 67 | 67 | 134.00 |
| Herrin..... | 6 | 68 | 68 | 136.00 |
| Kewanee..... | 4 | 59 | 59 | 118.00 |
| LaSalle..... | 11 | 68 | 68 | 136.00 |
| Macomb..... | 1 | 49 | 49 | 98.00 |
| Pana..... | 2 | 6 | 6 | 12.00 |
| Paris..... | 1 | 7 | 7 | 14.00 |
| Peoria..... | 12 | 99 | 99 | 198.00 |
| Rock Island..... | 4 | 58 | 58 | 116.00 |
| Roodhouse..... | 2 | 16 | 16 | 32.00 |
| Rushville..... | 1 | 60 | 60 | 120.00 |
| Sesser..... | 1 | 3 | 3 | 6.00 |
| Shelbyville..... | 3 | 30 | 30 | 60.00 |
| Sparta..... | 3 | 47 | 47 | 94.00 |
| Springfield..... | 12 | 134 | 134 | 268.00 |
| Staunton..... | 6 | 26 | 26 | 52.00 |
| Taylorville..... | 9 | 55 | 55 | 110.00 |
| West Frankfort..... | 11 | 156 | 156 | 312.00 |
| Total..... | 144 | 1,343 | 1,343 | \$2,686.00 |

DIVISION OF MINE RESCUE STATIONS.

FIRST AID AND MINE RESCUE TRAINING.

Below is a tabulation of the candidates trained in first aid and mine rescue at Illinois Mine Rescue Stations:

| | First aid. | Mine rescue. | Station totals. |
|--------------------|------------|-----------------|--------------------|
| Belleville..... | 560 | 18 | 578 |
| Benton..... | 1,064 | 19 | 1,083 |
| DuQuoin..... | 1,254 | 13 | 1,267 |
| Eldorado..... | 563 | 23 | 586 |
| Herrin..... | 977 | 10 | 987 |
| Johnston City..... | 526 | 3 | 529 |
| LaSalle..... | 143 | 21 | 164 |
| Springfield..... | 843 | 280 | 1,123 |
| Grand total..... | 5,930 | 387 | 6,317 |

ONE HUNDRED PERCENT FIRST AID TRAINING.

During 1934 One Hundred Percent First Aid Training campaigns were conducted among the employees of several of the largest coal operators of the State, as well as among other organizations in no way connected with the coal industry. Some of these One Hundred Percent training campaigns, either concluded or begun during the year 1934, were the following:

Peabody Coal Co., No. 14, Duquoin.
 Peabody Coal Co., "Gale" Strip, Duquoin.
 Bell & Zoller Coal Co., No. 5, Centralia.
 Peabody Coal Co., No. 47, Harco.
 Chicago, Wilmington & Franklin Coal Co., No. 2, West Frankfort.
 Peabody Coal Co., No. 19, West Frankfort.
 Peabody Coal Co., No. 18, West Frankfort.
 Indian Refining Co., Lawrenceville.
 Western Cartridge Co., Alton.
 Eagle-Picher Lead Co., Hillsboro.
 American Radiator Co., Litchfield.
 All Boy Scout Masters and Assistants, Springfield.
 Members Boy Scout Troop No. 40, Springfield.
 Members Boy Scout Troop No. 43, Springfield.
 Midland Electric Coal Co., Atkinson.
 Union Coal Co., Peru.
 Carus Chemical Co., La Salle.
 Boy Scout Troop, La Salle.
 Ladies' Club, La Salle.

Life Saving Crew and City Firemen, Oglesby.

Bell and Zoller Coal Co., No. 1, Zeigler.

Bell and Zoller Coal Co., No. 2, Zeigler.

Union Colliery Co., "Kathleen" Mine, Dowell.

Chicago, Wilmington and Franklin Coal Co., No. 1, Orient.

Many of the above campaigns have been carried on with the assistance of the Federal Bureau of Mines representatives, from the Vincennes Station, and the Department takes this opportunity to publicly express its appreciation to Mr. Charles A. Herbert and his assistants for their cooperation.

BELLEVILLE STATION.

July 18th—Superintendent and Mine Rescue Team Members called to Beckmeyer Coal Company Mine to remove a large body of gas and restore ventilation.

October 28th—Mine Rescue Station Superintendent, Arthur Bradbury; State Mine Inspector, David T. Stuart and members of the Mine Rescue Team of the Belleville Station, assisted in rescuing Robert George ("Bobby") Stephenson, twenty month old son of Mr. and Mrs. George Stephenson, 308 West A Street, Belleville, after the child had been imprisoned for six hours in a "dry well" at the Idle Wild Club-house, three miles south of New Memphis along the Kaskaskia River. It was necessary to dig parallel with the well for a distance of twenty feet beneath the surface of the ground and then tunnel to reach the child. The mining experience of Messrs. Bradbury and Stuart and the members of the Belleville Mine Rescue Team unquestionably contributed greatly to the child's release with only a few scratches to remind him of his experience. The Mascoutah Fire Department and a number of volunteer workers assisted in the work.

December 5th—Superintendent and Team Members assisted in search for body of man believed drowned in Kaskaskia River at New Athens, Illinois.

BENTON STATION.

March 7th—Superintendent and Team Members answered a call to Chicago, Wilmington & Franklin Coal Company Mine No. 2 at West Frankfort, Illinois to assist in extinguishing a fire in the workings of the mine.

May 18th—Superintendent Ray Williams received a call about 4:00 P. M. from Buckner for an inhalator and with Marion Pomeroy, one of the Mine Rescue Station Team Members, administered oxygen and artificial respiration in an unsuccessful attempt to revive John Charney, Jr., age 18, of Buckner, who had come in contact with a high voltage electric line in a field south of Old Ben Mine No. 14.

June 10th—Superintendent Williams and William Crawford, a Team Member, administered oxygen and artificial respiration to Leonard McCorn, age 14 years, of Sesser, who was drowned about 6:00 P. M. that day in about seven feet of water in the North Mine pond at Sesser.

It is believed McCorn struck his head on an iron pipe while diving. A companion of McCorn's ran half a mile to town for help and statements varied as to the time the unfortunate boy remained under water. He is thought to have been submerged for about an hour. A doctor who preceded Messrs. Williams and Crawford to the scene of the accident stated there was no sign of life at any time after he arrived. Artificial respiration and oxygen were administered for two hours.

November 10th—Superintendent Williams answered a call with an inhalator and attempted to revive James Neal, age 54 yrs., who it was reported dropped dead while repairing a basement. Oxygen and artificial respiration were administered until Neal was pronounced beyond help by a physician.

DUQUOIN STATION.

June 6th—Superintendent Joseph Morris answered a call with inhalator from the Station and administered oxygen and artificial respiration in an effort to revive one Neil Walker, supposed to have been drowned in Cherry Lake.

July 25th—Superintendent Morris answered a call with Station inhalator and succeeded in reviving with oxygen and artificial respiration one Ebben Collins who had been overcome with black damp in the shaft of a mine on his homesite, north of the Campbell mine.

ELDORADO STATION.

March 26th—Superintendent answered call and proceeded with inhalator to Shawneetown in an effort to save the life of a man seriously ill with pneumonia in a Civilian Conservation Corp Camp at that point. Oxygen was administered periodically throughout the night but the patient succumbed.

August 19th—At 9:15 A.M. Station Superintendent Taggart answered a call and with the inhalator from the Station proceeded to Shawneetown and assisted in reviving Dorothy Aluzas, 19, of Harrisburg, who narrowly escaped drowning in Big Lake and who when recovered did not respond satisfactorily to artificial respiration. Upon Mr. Taggart's arrival, with about fifteen minutes of artificial respiration and the administration of oxygen with the inhalator, the young lady was revived.

November 6th—Superintendent Taggart answered a call and proceeded to Raleigh, Illinois with the Station inhalator where he assisted two physicians in an effort to keep alive a new-born baby. For several hours the combined efforts of Mr. Taggart and the physicians kept the child breathing, but it finally failed to respond to all their ministrations. The physicians expressed the belief that the child's pulmonary organism was defective.

HERRIN STATION.

May 27th—At 11:50 A.M. Superintendent Thomas Rogers received a call for the inhalator and immediately proceeded to Bush where

an effort was being made to revive a woman who had apparently jumped in a well to commit suicide. Prior to the arrival of Mr. Rogers, artificial respiration had been administered for about forty minutes without success. Carbogen was then administered with artificial respiration for two hours and thirty minutes. The unfortunate woman had been in the well or cistern for about thirty five minutes before being rescued.

September 18th—Superintendent Chitty answered a call at 1:00 P. M. and with all the members of his Mine Rescue Team proceeded to the mine of Templeton and Jefferies, a slope located one and one fourth miles east of Carterville, where four men were sealed in the workings of the mine as a result of a fall occurring in the main slope and completely blocking it. Upon arriving at the mine Superintendent Chitty found that the men had made their way out of the mine and to the surface through the escape-way of a nearby mine.

December 31st—At 3:00 A. M. on this date Superintendent Chitty received a call from a physician in Herrin and proceeded with inhalator about three miles south of Herrin and attempted to keep a new-born child alive. The child failed to respond to all treatment administered.

JOHNSTON CITY STATION.

No calls received.

LA SALLE STATION.

January 9th—Superintendent Skelton and all members of Mine Rescue Team answered a call to a small drift mine at the head of La-Salle canyon, Starved Rock State Park in answer to a call received at the Station at 11:40 A. M. to recover the body of Anton Udot, miner, who had been entombed and apparently instantly killed as a result of the fall of a large piece of soapstone from a slip in the mine roof. About two hours' work were required to release the body.

November 9th—Superintendent McGonigal answered a call for the inhalator and assisted in reviving Mary Lou, seventeen-months-old daughter of Mr. and Mrs. Fred Stegan, east of La Salle, following the child's plunge into a large vessel of soapy water. Artificial respiration and treatment for shock and fright revived the child.

SPRINGFIELD STATION.

No calls reported.

REPORT OF THE DIVISION OF ECONOMIC INVESTIGATION.

BENN PITTS, INVESTIGATOR,
Odin, Illinois.

The following tables will show the activities of the various industries under this division:

TABLE 1—LIMESTONE.

| No. | Name of operator. | Location of plant. | | Production in tons. | Number employed. | Days worked. | Explosives used. | | Accidents. | |
|-----|---------------------------------------|--------------------|------------|---------------------|------------------|--------------|------------------|------------------|------------|------------|
| | | Post office. | County. | | | | Powder—kegs. | Dynamite—pounds. | Fatal. | Non-fatal. |
| 1 | Alpha Portland Cement Co. | LaSalle | LaSalle | 167,179 | 217 | 155 | | 34,350 | | |
| 2 | Anna Quarries | Anna | Union | 65,785 | 32 | 81 | | 21,300 | | 5 |
| 3 | Bean & Masters | Shelberville | Hardin | 4,088 | 30 | 30 | | 950 | | |
| 4 | Big Creek Crushed Rock Co. | Marshall | Clark | 6,680 | 12 | 45 | | 2,600 | | 2 |
| 5 | Black White Lime Co. | Quincy | Adams | 10,950 | 18 | 220 | | 8,725 | | 3 |
| 6 | C. H. Borlin | Carrollton | Greene | *2,283 | | | | | | |
| 7 | Oliver Buland | Pontiac | Livingston | 1,600 | 16 | 40 | | 500 | | |
| 8 | Byron Sand & Stone Co. | Byron | Ogle | 1,248 | 2 | 100 | | 200 | | |
| 9 | Casey Lime & Stone Co. | Casey | Clark | 11,760 | 25 | 75 | | 4,500 | | |
| 10 | Casey Stolle Quarry & Contracting Co. | Stolle | St. Clair | 50,965 | 399 | 83 | | 5,400 | | 5 |
| 11 | Charles Stone Co. | Cypress | Johnson | 67,500 | 40 | 143 | | 12,000 | | |
| 12 | City of Chicago House of Correction | Chicago | Cook | 5,188 | 120 | 187 | | | | |
| 13 | City of Fulton | Fulton | Whiteside | 4,286 | 40 | 175 | | 2,700 | | |
| 14 | Columbia Quarry Co. | Columbia | St. Clair | 339,609 | 84 | 264 | | 91,450 | | |
| 15 | Columbia Quarry Co. | Valmeyer | Monroe | 39,660 | 34 | 200 | | 11,900 | | 1 |
| 16 | Consumers Co. | Bellwood | Cook | 42,780 | 60 | 30 | | 18,100 | | 2 |
| 17 | Consumers Co. | Hillside | Cook | 42,280 | 55 | 29 | | 500 | | |
| 18 | Consumers Co. | McCook | Cook | 708,636 | 115 | 183 | 151,608 | 134,450 | | |
| 19 | C. S. Dasher | Renault | Monroe | *410 | | | | | | |
| 20 | Dolse & Shepard | LaGrange | Cook | 45,153 | 63 | 15 | 113,665 | 600 | | 6 |
| 21 | Durham Township Rock Quarry | LaHarpe | Hancock | 5,000 | 23 | 100 | | 1,050 | 1 | |
| 22 | East St. Louis Stone Co. | Dupo | St. Clair | 101,000 | 27 | 125 | | 34,000 | | |
| 23 | Eldred Crushed Stone Co. | Eldred | Greene | 5,675 | 2 | 100 | | 1,200 | | 1 |
| 24 | Emburst-Chicago Stone Co. | Emburst | DuPage | 132,160 | 32 | 125 | | 48,950 | | 4 |
| 25 | Ember & Pickett | Salem | Marion | 1,700 | 15 | 42 | | | | |
| 26 | Enkbeiner Bros. | Freeport | Stephenson | *900 | | | | | | |
| 27 | William Fink | Ashley | Washington | *30 | | | | | | |
| 28 | Henry Gray | Hamilton | Hancock | 4,500 | 8 | 150 | | 1,500 | | |
| 29 | John Grayling Quarries | Carlyle | Clinton | 300 | 6 | 42 | | 200 | | |
| 30 | Paul C. Herter | Golden Eagle | Calhoun | *5,200 | | | | | | |
| 31 | Charles Hummiston | Jerseyville | Jersey | *153 | | | | | | |
| 32 | W. C. Hyle | Red Bud | Monroe | 3,081 | 10 | 94 | | 300 | | |

| | | | | | | | | |
|------------|---------------------------------|-------------------|------------------|-----------|-------|------|-----------|-----|
| 33 | Illinois State Penitentiary | Joliet..... | Will..... | 54,101 | 145 | 197 | 14,000 | 52 |
| 34 | Keller Quarry Co. | Grafton..... | Jersey..... | 50,000 | 60 | 255 | 10,000 | 4 |
| 35 | Moritz Krueger..... | Barksville..... | Monroe..... | 500 | 6 | 21 | 50 | |
| 36 | Tony Kwiatkowski..... | DuBois..... | Washington..... | 180 | 5 | 40 | 50 | |
| 37 | J. M. Lathers..... | Deloit, Wis..... | Ogle..... | *5,178 | | | | |
| 38 | Lehigh Portland Cement Co. | Ogelsby..... | LaSalle..... | 148,622 | 258 | 123 | 45,050 | |
| 39 | Lehigh Stone Co. | Kankakee..... | Kankakee..... | 288,459 | 57 | 154 | 72,115 | 14 |
| 40 | Henry Lienesch & Son..... | Janestown..... | Madison..... | *250 | | | | |
| 41 | Lincoln Crushed Stone Co. | Joliet..... | Will..... | 108,000 | 20 | 84 | 35,000 | 1 |
| 42 | Marquette Cement Mfg. Co. | Ogelsby..... | LaSalle..... | 705,881 | 604 | 277 | 280,000 | |
| 43 | A. S. McDonald..... | Trivoli..... | Peoria..... | *100 | | | | |
| 44 | McDonough County Highway | Macomb..... | McDonough..... | 100 | 150 | 200 | 120 | 1 |
| 45 | Mississippi Lime & Material Co. | Alton..... | Madison..... | 280,000 | 30 | 250 | 45,000 | 18 |
| 46 | Morris Limestone Products Co. | Morris..... | Kendall..... | 10,000 | 6 | 90 | 3,000 | |
| 47 | National Stone Co. | Joliet..... | Will..... | 118,421 | 28 | 97 | 50,400 | 4 |
| 48 | John D. Newcomer..... | Adeline..... | Ogle..... | *910 | | | | |
| 49 | New Minden Limestone Co. | New Minden..... | Washington..... | *742 | | | | |
| 50 | Ogle County Highway Dept. | Oregon..... | Ogle..... | *5,850 | | | | |
| 51 | Pontiac Stone Co. | Pontiac..... | Livingston..... | *40,358 | | | | |
| 52 | Pontiac Township..... | Pontiac..... | Livingston..... | 2,000 | 24 | 40 | 500 | |
| 53 | Quincy Crane Service Co. | Quincy..... | Adams..... | 1,000 | 6 | 21 | | |
| 54 | E. F. Reber..... | Byron..... | Ogle..... | 300 | | 75 | | |
| 55 | Reliance Whiting Co., Inc. | Alton..... | Madison..... | 4,698 | 12 | 144 | 1,500 | 3 |
| 56 | Riverside Lime & Stone Co. | Lyons..... | Cook..... | 154,521 | 33 | 241 | 47,750 | 18 |
| 57 | Rockford Township Highway Dept. | Rockford..... | Winnebago..... | 9,000 | 10 | 50 | 3,000 | |
| 58 | St. Clair County Work House. | Belleville..... | St. Clair..... | 2,250 | 25 | 200 | 400 | |
| 59 | Joseph Schafer..... | Paderborn..... | Monroe..... | *900 | | | | |
| 60 | Smith Limestone Quarry | Cobden..... | Union..... | 150 | 4 | 118 | 70 | |
| 61 | Southern Illinois Limestone Co. | Shelberville..... | Hardin..... | 19,694 | 34 | 112 | 60 | |
| 62 | State of Illinois..... | Monard..... | Randolph..... | 60,588 | 550 | 208 | 12,000 | |
| 63 | Staunton Tie & Lumber Co. | Fieldon..... | Jersey..... | 2,400 | 10 | 30 | 100 | 6 |
| 64 | Staunton Tie & Lumber Co. | Fieldon..... | Jersey..... | 800 | 6 | 25 | 300 | |
| 65 | Stearns Lime & Stone Co. | Chicago..... | Cook..... | *34,347 | | | | |
| 66 | Al Storz..... | Barksville..... | Monroe..... | 3,800 | 9 | 125 | 300 | |
| 67 | Joseph Tebbe..... | St. Rose..... | Clinton..... | *1,371 | | | | |
| 68 | United States Gypsum Co. | Cordova..... | Rock Island..... | 30,796 | 15 | 275 | 202 | |
| 69 | Wachtel & Arnschutz..... | Recker..... | St. Clair..... | 1,476 | 6 | 50 | 250 | |
| 70 | Waterloo Quarry Co. | Waterloo..... | Monroe..... | 8,500 | 10 | 180 | 1,350 | |
| 71 | Edw. Weber..... | Recker..... | St. Clair..... | 800 | 6 | 45 | 200 | |
| 72 | Western Quarries Co. | Lemont..... | Cook..... | 97,877 | 84 | 148 | 4,000 | 3 |
| 73 | John T. Wilson..... | Macomb..... | Hancock..... | *6,000 | | | | |
| 74 | N. D. Wintersteen..... | Rockydel..... | Jackson..... | 2,029 | 3 | 165 | 125 | |
| 75 | Otto L. Wolf..... | Waterloo..... | Monroe..... | 8,405 | 10 | 160 | 1,550 | |
| Total..... | | | | 4,158,483 | 3,711 | 4122 | 1,005,685 | 153 |

* Tonnage figures submitted to Federal Bureau of Mines.

† 65,273 pounds of liquid oxygen.

‡ Average of all plants reporting number of days worked.

TABLE 2—OIL AND GAS.

| No. | Name of operator. | Post office address of the operator. | County in which the well is located. | Number of wells. | Production. | | Number employed. | Explosives— nitroglycerine— quarts. | Accidents— non-fatal. |
|-----|------------------------------|--------------------------------------|--------------------------------------|------------------|------------------|---------------------------------|------------------|---|--------------------------|
| | | | | | Oil— barrels. | Gas— 1,000 cubic feet. | | | |
| 1 | Adams Comers Oil Co. | Allendale, Ill. | Wabash. | 20 | 14,567 | 50 | 3 | — | — |
| 2 | American Oil Development Co. | 1601 Oliver Bldg., Pittsburg, Pa. | Crawford. | 99 | 16,585 | — | 8 | — | — |
| 3 | Arkansas Fuel Oil Co. | Ardis Bldg., Shreveport, La. | Crawford. | 87 | 13,244 | 8,643 | 5 | — | — |
| 4 | H. D. Basker, et al. | Robinson, Ill. | Crawford. | 20 | 2,500 | 2,000 | 4 | — | — |
| 5 | Ball Bros., et al. | Robinson, Ill. | Crawford. | 55 | 10,275 | — | 3 | — | — |
| 6 | Ball Bros., et al. | Robinson, Ill. | Cumberland. | 39 | 3,666 | — | 1 | — | — |
| 7 | Ball Bros., et al. | Robinson, Ill. | Wabash. | 1 | 1,271 | — | 1 | — | — |
| 8 | Bond County Gas Co. | Greenville, Ill. | Bond. | 7 | — | 13,446 | 2 | — | — |
| 9 | Bradford Oil Co. | Robinson, Ill. | Crawford. | 12 | 3,444 | — | 1 | — | — |
| 10 | Breen Oil Co. | Mt. Carmel, Ill. | Wabash. | 6 | 4,060 | — | 2 | — | — |
| 11 | Brenneman & MacDonell. | 312 S. Cole St., Lima, Ohio. | Wabash. | 98 | 16,608 | — | 10 | — | — |
| 12 | Coon Creek Oil Co. | Allendale, Ill. | Wabash. | 4 | 2,540 | — | 1 | — | — |
| 13 | Craig & Lowrie. | 808 Columbia Bldg., Pittsburg, Pa. | Crawford. | 87 | 17,335 | — | 8 | — | — |
| 14 | Craig & Lowrie. | 808 Columbia Bldg., Pittsburg, Pa. | Lawrence. | 9 | 2,424 | — | 1 | — | — |
| 15 | Craig & Lowrie. | 808 Columbia Bldg., Pittsburg, Pa. | Wabash. | 3 | 423 | — | 1 | — | — |
| 16 | D. C. Davis. | Marietta, Ohio. | Clark. | 63 | 6,205 | — | 3 | — | — |
| 17 | Dinsmoor Oil Co. | St. Marys, W. Va. | Crawford. | 73 | 10,594 | — | 3 | — | — |
| 18 | Dinsmoor Oil Co. | St. Marys, W. Va. | Crawford. | 135 | 46,852 | — | 11 | — | — |
| 19 | Dinsmoor Oil Co. | St. Marys, W. Va. | Cumberland. | 23 | 708 | — | 1 | — | — |
| 20 | Dinsmoor Oil Co. | St. Marys, W. Va. | Lawrence. | 9 | 1,244 | — | 1 | — | — |
| 21 | M. L. Dorsey. | Robinson, Ill. | Crawford. | 11 | 900 | — | 1 | — | — |
| 22 | Henry Garvey, Jr. | St. Francisville, Ill. | Lawrence. | 2 | 1,095 | — | 1 | — | — |
| 23 | Gee Oil Co. (dining lease). | 312 Wright Bldg., Tulsa, Okla. | Lawrence. | 11 | 1,607 | — | 4 | — | — |
| 24 | Gee Oil Co. | 312 Wright Bldg., Tulsa, Okla. | Lawrence. | 16 | 4,079 | — | 4 | — | — |
| 25 | Hamilton Production Co. | Lawrenceville, Ill. | Lawrence. | 58 | 34,261 | — | 8 | — | — |
| 26 | Hope Oil Co. | Allendale, Ill. | Wabash. | 6 | 4,716 | — | 1 | — | — |
| 27 | Kewanee Oil & Gas Co. | Box 499, Titusville, Pa. | Clark. | 44 | 6,416 | — | 2 | — | — |
| 28 | Kewanee Oil & Gas Co. | Box 499, Titusville, Pa. | Crawford. | 232 | 48,886 | — | 21 | — | — |
| 29 | Kewanee Oil & Gas Co. | Box 499, Titusville, Pa. | Lawrence. | 30 | 12,808 | — | 4 | — | — |
| 30 | H. C. Kraft & Co. | Oblong, Ill. | Lawrence. | 5 | 621 | — | 1 | — | — |
| 31 | Leighty Oil Co. | 312 Wright Bldg., Tulsa, Okla. | Cumberland. | 10 | 4,075 | — | 3 | — | — |
| 32 | Liberty Oil & Gas Co. | 343 Penn Ave., W. Warren, Pa. | Lawrence. | 32 | 5,955 | — | 2 | — | — |
| 33 | Henry C. Lord. | Box 291, Robinson, Ill. | Crawford. | 10 | 561 | 2,500 | 1 | — | — |
| 34 | M. M. & T. T. Co. | 619 E. 2nd St., Centralia, Ill. | Marion. | 16 | 5,028 | — | 2 | — | — |
| 35 | Mary L. Mason, et al. | 150 Lake St., Elmira, N. Y. | Lawrence. | 17 | 12,015 | — | 2 | — | — |

| | | | | | | | |
|----|----------------------------|---|-------------|-------|-----------|-----|----|
| 36 | Max Oil Co. | Alledale, Ill. | Wabash. | 5 | 3,745 | 1 | 1 |
| 37 | Mayhugh & Others. | Alledale, Ill. | Wabash. | 11 | 10,014 | 1 | 20 |
| 38 | W. C. McBride, Inc. | 2101 Missouri Pacific Bldg., St. Louis, Mo. | Clark. | 48 | 6,582 | | |
| 39 | W. C. McBride, Inc. | 2101 Missouri Pacific Bldg., St. Louis, Mo. | Crawford. | 50 | 17,183 | | |
| 40 | W. C. McBride, Inc. | 2101 Missouri Pacific Bldg., St. Louis, Mo. | Lawrence. | 135 | 105,284 | 46 | 3 |
| 41 | W. C. McBride, Inc. | 2101 Missouri Pacific Bldg., St. Louis, Mo. | Wabash. | 11 | 4,924 | | |
| 42 | Mc Carmel Oil Co. | 424 Market St., Mt. Carmel, Ill. | Wabash. | 4 | 10 | 1 | 20 |
| 43 | New York Petroleum Co. | Box 568, Parkersburg, W. Va. | Crawford. | 9 | 2,171 | 1 | |
| 44 | Nolan & Lamberton. | 212 S. Olympia, Tulsa, Okla. | Crawford. | 9 | 6,319 | 1 | |
| 45 | Northern Oil Co. | 5th Floor Hanna Bldg., Cleveland, Ohio | Clark. | 16 | 2,513 | 1 | |
| 46 | Northern Oil Co. | 5th Floor Hanna Bldg., Cleveland, Ohio | Crawford. | 103 | 8,034 | 2 | |
| 47 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Clark. | 650 | 147,431 | | |
| 48 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Clinton. | 109 | 25,376 | | |
| 49 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Crawford. | 3,797 | 794,363 | 1 | |
| 50 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Cumberland. | 541 | 396,824 | 5 | |
| 51 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Hancock. | 5 | 95,726 | | |
| 52 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Lawrence. | 2,577 | 1,357,248 | 775 | |
| 53 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Marion. | 28 | 439,163 | | 4 |
| 54 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | McDonough. | 275 | 85,322 | | |
| 55 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | St. Clair. | 45 | 42,142 | | 80 |
| 56 | Ohio Oil Co. | 539 S. Main St., Findlay, Ohio. | Wabash. | 7 | 3,186 | | |
| 57 | James Pease & Co. | 111 W. Monroe St., Olney, Ill. | Crawford. | 22 | 5,887 | 5 | |
| 58 | Pemberton Oil & Gas Co. | 129 E. Main St., Chicago, Ill. | Lawrence. | 18 | 12,437 | 2 | |
| 59 | Petro Oil & Gas Co. | Security Bldg., St. Louis, Mo. | Marion. | 27 | 10,224 | 2 | |
| 60 | Pittsburg Oil & Gas Co. | 1005 Farmers Bank Bldg., Pittsburg, Pa. | Clark. | 18 | 5,003 | 1 | |
| 61 | Pure Oil Co. | 35 E. Wacker Drive, Chicago, Ill. | Crawford. | 602 | 109,894 | 25 | 3 |
| 62 | Sabyl-Cisler Producing Co. | Box 1499, Tulsa, Okla. | Crawford. | 55 | 17,752 | 8 | |
| 63 | Snowden & McSweeney Co. | 598 Madison Ave., New York, N. Y. | Lawrence. | 227 | 109,502 | 39 | 4 |
| 64 | Snowden & McSweeney Co. | 598 Madison Ave., New York, N. Y. | Wabash. | 6 | 8,960 | 1 | |
| 65 | Southwestern Oil & Gas Co. | Sandoval, Ill. | Marion. | 20 | 13,520 | 7 | |
| 66 | Steele & Steele. | 209 E. Main St., Casey, Ill. | Crawford. | 4 | 557 | | |
| 67 | Al. Stehr. | Dupo, Ill. | Clark. | 16 | 1,290 | 1 | |
| 68 | Sugar Loaf Oil Co. | Box 731, Tulsa, Okla. | St. Clair. | 5 | 3,350 | 1 | |
| 69 | Tide Water Oil Co. | Box 731, Tulsa, Okla. | Clark. | 84 | 25,812 | 5 | |
| 70 | Tide Water Oil Co. | Box 731, Tulsa, Okla. | Crawford. | 764 | 225,265 | 58 | 3 |
| 71 | Tide Water Oil Co. | Box 731, Tulsa, Okla. | Lawrence. | 83 | 36,805 | | |
| 72 | Trenton Rock Oil & Gas Co. | R. F. D. No. 3, Casey, Ill. | Clark. | 39 | 9,962 | 3 | |
| 73 | Turner Oil Co. | Casey, Ill. | Clark. | 20 | 1,566 | 1 | |
| 74 | W. C. Turner. | Casey, Ill. | Clark. | 3 | 732 | 1 | |
| 75 | Warner-Caldwell Oil Co. | Second National Bank Bldg., Titusville, Pa. | Crawford. | | 9,000 | 2 | |
| 76 | Webster Drilling Co. | R. F. D. No. 5, Centralia, Ill. | Marion. | 48 | 4,111 | 2 | |
| 77 | J. W. Whiteside & Co. | Alledale, Ill. | Wabash. | 22 | 5,600 | 1 | |
| 78 | P. L. & W. C. Williams | Colmar, Ill. | McDonough. | 2 | 5,840 | 1 | |
| 79 | B. F. Wireback. | Vincennes, Ind. | McDonough. | 24 | 5,272 | 3 | |
| | | | | 9 | 3,650 | 1 | |

TABLE 2—Concluded.

| No. | Name of operator. | Post office address of the operator. | County in which the well is located. | Number of wells. | Production. | | Number employed. | Explosives—nitroglycerine—quarts. | Accidents—non-fatal. |
|-----|---|--------------------------------------|--------------------------------------|------------------|--------------|-----------------------|------------------|-----------------------------------|----------------------|
| | | | | | Oil—barrels. | Gas—1,000 cubic feet. | | | |
| 80 | Wiser Oil Co. | Box 192, Sistersville, W. Va. | Crawford. | 13 | 2,718 | — | 1 | — | — |
| 81 | Wiser Oil Co. | Box 192, Sistersville, W. Va. | Lawrence. | 21 | 4,937 | — | 1 | — | — |
| 82 | (J. S. Young, Attorney— Allendale Oil Co.) | — | — | — | — | — | — | — | — |
| 83 | Cisel 40 Acres. | Gee Bldg., Lawrenceville, Ill. | Wabash. | 29 | 20,545 | — | 4 | — | — |
| 84 | Collison & Stillwell. | Gee Bldg., Lawrenceville, Ill. | Wabash. | 2 | 1,495 | — | 1 | — | — |
| 85 | Courier Lease. | Gee Bldg., Lawrenceville, Ill. | Wabash. | 4 | 4,596 | — | 1 | — | — |
| 86 | Higgins Lease. | Gee Bldg., Lawrenceville, Ill. | Wabash. | 3 | 2,786 | — | 1 | — | — |
| 87 | Clark & Armstrong, Per. | Gee Bldg., Lawrenceville, Ill. | Wabash. | 1 | 295 | — | — | — | — |
| 88 | Clara Adams, Per. | Gee Bldg., Lawrenceville, Ill. | Wabash. | 2 | 2,915 | — | — | — | — |
| 89 | Keyser Lease. | Gee Bldg., Lawrenceville, Ill. | Wabash. | 1 | 471 | — | — | — | — |
| | | | Wabash. | 2 | 862 | — | — | — | — |
| | Total. | — | — | 11,980 | 3,719,366 | 1,104,790 | 1,140 | 205 | 28 |

TABLE 3.—SAND AND GRAVEL.

| No. | Name of operator. | Location of plant. | | Production in tons. | Number employed. | Days worked. | Explosives used. | | Accidents. | |
|-----|-------------------------------------|--------------------|--------------|---------------------|------------------|--------------|------------------|------------------|------------|------------|
| | | Postoffice. | County. | | | | Powder—kgs. | Dynamite—pounds. | Fatal. | Non-fatal. |
| 1 | Abbot Bros. | Sheridan. | LaSalle. | *4,570 | | | | | | |
| 2 | Allendale Gravel Co. | Pattou. | Wabash. | 13,400 | 4 | 120 | | | | |
| 3 | Anderson Sand & Gravel Co., Inc. | Rockford. | Winnebago. | 30,000 | 7 | 180 | | | | |
| 4 | Anderson-Theobald Co. | Vincennes, Ind. | Lawrence. | 43,569 | 9 | 150 | | | | |
| 5 | Aurora Gravel Co. | Aurora. | Kane. | 2,175 | 1 | | | | | |
| 6 | Arwood-Davis Sand Co. | South Beloit. | Winnebago. | 51,098 | 17 | 42 | | | | 1 |
| 7 | Beder Wood's Sons. | Hampton. | Rock Island. | 3,900 | 10 | 30 | | | | |
| 8 | Bloomington Township | Bloomington. | DuPage. | 3,100 | 5 | 110 | | | | |
| 9 | Chinn Bros. | LaSalle. | LaSalle. | 583 | | | | | | |
| 10 | Churchill Gravel Co. | Fairbury. | Livingston. | 25,000 | 6 | 110 | | | | |
| 11 | Clear Lake Sand & Gravel Co. | Springfield. | Sangamon. | 22,630 | 6 | 95 | | | | |
| 12 | H. D. Conkey & Co. | North Aurora. | Kane. | 55,695 | 15 | 58 | | | | 3 |
| 13 | H. D. Conkey & Co. | Oregon. | Ogle. | 31,721 | 11 | 79 | | | | 1 |
| 14 | Consumers Co. | Crystal Lake. | McHenry. | 42,158 | 35 | 141 | | | | |
| 15 | Consumers Co. | Libertyville. | Lake. | 35,126 | 22 | 72 | | | | |
| 16 | Consumers Co. | South Beloit. | Winnebago. | 384,507 | 25 | 107 | | | | |
| 17 | S. S. Davis. | Rock Island. | Rock Island. | 1,581 | 3 | 30 | | | | |
| 18 | Decatur Hydraulic Sand & Gravel Co. | Decatur. | Macon. | *14,890 | | | | | | |
| 19 | Dipper Bros. | E. Lane. | Macon. | 3,252 | 2 | 150 | | | | |
| 20 | East Peoria Sand & Gravel Co. | Grayville. | Fazewell. | 360,416 | 7 | 310 | | | | |
| 21 | Eastwood Sand & Gravel Works. | White. | White. | 14,567 | 9 | 319 | | | | |
| 22 | E. C. Gaines Sand & Gravel Co. | Elizabethtown. | Hardin. | 500 | 1 | 60 | | | | 2 |
| 23 | Galesburg Sand & Gravel Co. | Buda. | Bureau. | 4,377 | 3 | 70 | | | | |
| 24 | Class, E. Gierz & Sons. | Elgin. | Cook. | *16,992 | | | | | | |
| 25 | Edward B. Glass. | Belydere. | Boone. | *265 | | | | | | |
| 26 | H. H. Halliday Sand Co. | Cairo. | Alexander. | 34,749 | 12 | | | | | 4 |
| 27 | H. P. B. Sand & Gravel Co. | Rockford. | Winnebago. | 14,200 | 4 | 180 | | | | |
| 28 | Illinois Sand & Gravel Co. | Oswego. | Kendall. | 270,000 | 26 | 116 | | | | 5 |
| 29 | Illinois State Farm. | Vandalia. | Fayette. | 150 | 25 | 80 | | | | |
| 30 | John B. Johnson. | Carthage. | Hancock. | *250 | | | | | | |
| 31 | H. O. Johnson. | Buda. | Bureau. | *1,200 | | | | | | |
| 32 | Warren W. Keahn. | Dundee. | Kane. | 1,100 | 1 | 20 | | | | |
| 33 | J. P. Larson. | Wyanett. | Bureau. | 6,000 | 9 | 130 | | | | |
| 34 | Lincoln Sand & Gravel Co. | Lincoln. | Logan. | 145,687 | 30 | 140 | | | | 4 |
| 35 | Lowe Bros. | Cary. | McHenry. | 7,416 | | | | | | |

TABLE 3—Concluded.

| No. | Name of operator. | Location of plant. | | Production in tons. | Number employed. | Days worked. | Explosives used. | | Accidents. | |
|-----|-------------------------------------|--------------------|--------------|---------------------|------------------|--------------|------------------|------------------|------------|------------|
| | | Postoffice. | County. | | | | Powder—kegs. | Dynamite—pounds. | Fatal. | Non-fatal. |
| 36 | Chas. D. Lutz. | Mulberry Grove. | Bond. | *3,800 | | | | | | |
| 37 | Manley Sand Co. | Rockton. | Winnebago. | *2,000 | | | | | | |
| 38 | McGrath Sand & Gravel Co. | Forreston. | Ogle. | 100,000 | 8 | 183 | | | | 1 |
| 39 | McGrath Sand & Gravel Co. | Chillicothe. | Peoria. | 295,000 | 20 | 270 | | | | 10 |
| 40 | McGrath Sand & Gravel Co. | Pekin. | Tazewell. | 15,000 | 6 | 59 | | 500 | | 3 |
| 41 | McGrath Sand & Gravel Co. | Mackinaw. | Tazewell. | 180,000 | 15 | 265 | | | | 5 |
| 42 | McKinney Bros. | Vandalia. | Fayette. | 550 | 3 | 30 | | | | |
| 43 | W. F. McLain. | Greenville. | Bond. | 2,000 | 3 | 40 | | | | |
| 44 | Metropolis Sand & Gravel Co. | Metropolis. | Massac. | *28,521 | | | | | | |
| 45 | Milan Sand & Gravel Co. | Milan. | Rock Island. | 9,756 | 2 | 300 | | | | |
| 46 | Mississippi Lime & Material Co. | Alton. | Madison. | 110,000 | 8 | 225 | | | | 2 |
| 47 | Morton Sand & Gravel Co. | Munier. | DuPage. | *57,352 | | | | | | |
| 48 | Julius Mosbach. | LaSalle. | LaSalle. | *380 | | | | | | |
| 49 | Mt. Carmel Sand & Gravel Co. | Mt. Carmel. | Wabash. | 53,500 | 12 | 155 | | | | 1 |
| 50 | John F. Nelson. | Morris. | Grundy. | *2,183 | | | | | | |
| 51 | Gust. Nichol Sand Co., Inc. | Greenville. | Bond. | 3,000 | 2 | 90 | | 6 | | |
| 52 | J. C. Nicholson. | Lowell. | LaSalle. | 1,331 | 1 | 80 | | | | |
| 53 | North Shore Materials Co. | Libertyville. | Lake. | 55,088 | 12 | 72 | | | | |
| 54 | Novaculite Paving Co. | Tamms. | Alexander. | 10,042 | 24 | 42 | 175 | | | |
| 55 | Henry Olson. | Rosecrans. | Lake. | 24,054 | 3 | 193 | | 200 | | |
| 56 | Oxford Township. | Alpha. | Henry. | 4,000 | 10 | 100 | | | | |
| 57 | Ozark Minerals Co. | Elco. | Alexander. | 7,930 | 20 | 80 | | | | 2 |
| 58 | Frank Piska. | Woodstock. | McHenry. | 3,833 | | 145 | | 8,760 | | |
| 59 | J. A. Platt. | Quincy. | Adams. | *163 | | | | | | |
| 60 | Purity Moulding Sand Co. | Dallas City. | Henderson. | 8,576 | 7 | 130 | | | | 1 |
| 61 | Quincy Sand Co. | Quincy. | Adams. | 6,943 | 3 | 200 | | | | |
| 62 | Risley Gravel Co. | Dixon. | Lee. | *10,057 | | | | | | |
| 63 | Rock Island Sand & Gravel Co. | Rock Island. | Rock Island. | 40,000 | 6 | 175 | | | | |
| 64 | Rockton Moulding Sand Co. | Rockton. | Winnebago. | 1,700 | 6 | 30 | | | | 1 |
| 65 | P. F. Rutherford. | Wyanett. | Bureau. | *750 | | | | | | |
| 66 | South Ottawa Silica Co. | Ottawa. | LaSalle. | 28,000 | 8 | 155 | | 2,000 | | |
| 67 | Spicer Gravel Co. | Marseilles. | LaSalle. | 7,421 | 3 | 200 | | | | |
| 68 | Springfield-Pekin Sand & Gravel Co. | Pekin. | Tazewell. | 104,910 | 12 | 257 | | | | 1 |
| 69 | Stocker Gravel & Construction Co. | Highland. | Madison. | 14,035 | 2 | 250 | | 1,000 | | |
| 70 | John W. Suchy. | Barrington. | McHenry. | 13,257 | 4 | 120 | | | | |
| 71 | Sycamore Sand & Gravel Co. | Sycamore. | DeKalb. | *5,700 | | | | | | |

| | | | | | | | | | |
|------------|---------------------------------|--------------------|----------------|-----------|-----|-----|-------|--------|-------|
| 72 | Terry & Lewis Sand & Gravel Co. | Gladstone..... | Henderson..... | 13,750 | 4 | 65 | ----- | 1 | ----- |
| 73 | Wabash Sand & Gravel Co. | Maumee..... | White..... | 300 | 10 | 81 | ----- | ----- | ----- |
| 74 | Warren Sand Co. | Mulberry Grove.. | Bond..... | 400 | 2 | 12 | ----- | ----- | ----- |
| 75 | Western Sand & Gravel Co. | Spring Valley..... | Bureau..... | 68,134 | 11 | 130 | ----- | ----- | ----- |
| 76 | Western Sand & Gravel Co. | Moromis..... | Putnam..... | 7,286 | 7 | 40 | ----- | ----- | ----- |
| 77 | Wisconsin Lime & Cement Co. | Crystal Lake..... | McHenry..... | 455,000 | 35 | 140 | ----- | ----- | ----- |
| 78 | Yourtee-Roberts Sand Co. | Chester..... | Randolph..... | 100,000 | 6 | 186 | ----- | ----- | ----- |
| Total..... | | ----- | ----- | 3,947,557 | 570 | 128 | 175 | 12,556 | 50 |

• Tonnage figures submitted to Federal Bureau of Mines.

TABLE 4—SHALE AND CLAY.

| No. | Name of operator. | Location of plant. | | Production in tons. | Number employed. | Days worked. | Explosives used. | | Accidents. | |
|-----|-------------------------------------|---------------------|-----------------|---------------------|------------------|--------------|------------------|------------------|------------|------------|
| | | Post office. | County. | | | | Powder—kegs. | Dynamite—pounds. | Fatal. | Non-fatal. |
| 1 | Albion Brick Co., No. 1..... | Albion..... | Edwards..... | 12,000..... | 54..... | 121..... | ..... | 4,000..... | ..... | 2..... |
| 2 | Albion Brick Co., No. 2..... | Albion..... | Edwards..... | 6,300..... | 62..... | 73..... | ..... | 1,200..... | ..... | 1..... |
| 3 | Alton Brick Co..... | Alton..... | Madison..... | 12,455..... | 64..... | 101..... | 50..... | 2,000..... | ..... | ..... |
| 4 | Baird Bros..... | Colchester..... | McDonough..... | 6,033..... | 7..... | 150..... | ..... | 8,000..... | ..... | ..... |
| 5 | Belleville Brick Co..... | Belleville..... | St. Clair..... | 16,316..... | 19..... | 84..... | ..... | ..... | ..... | ..... |
| 6 | Calhoun Lumber Co..... | Noblesville..... | Pike..... | 80..... | 2..... | 24..... | ..... | ..... | ..... | ..... |
| 7 | Campbell Hill Brick Co..... | Campbell Hill..... | Jackson..... | 1,410..... | 30..... | 32..... | 10..... | ..... | ..... | ..... |
| 8 | Campus Brick & Tile Works..... | Campus..... | Livingston..... | 272..... | 7..... | 15..... | ..... | ..... | ..... | ..... |
| 9 | Carey Brick Co..... | Chicago..... | Cook..... | 10,800..... | 82..... | 50..... | 117..... | 180..... | ..... | 1..... |
| 10 | Chicago Retort & Fire Brick Co..... | Ottawa..... | LaSalle..... | 12,856..... | 12..... | 185..... | ..... | ..... | ..... | ..... |
| 11 | Wm. S. Damhorst Brick Co..... | Quincy..... | Adams..... | 735..... | 11..... | 25..... | ..... | ..... | ..... | ..... |
| 12 | W. S. Diekey Clay Mfg. Co..... | Colchester..... | McDonough..... | 10,706..... | 20..... | 95..... | ..... | 6,000..... | ..... | 1..... |
| 13 | Eastern Illinois Clay Co..... | St. Anne..... | Kankakee..... | 12,000..... | 43..... | 75..... | ..... | ..... | ..... | ..... |
| 14 | Ford Brick & Tile Co..... | Harrisburg..... | Saline..... | 2,172..... | 17..... | 122..... | ..... | 300..... | ..... | 2..... |
| 15 | Frederick Brick & Tile Works..... | Frederick..... | Schuyler..... | 7,000..... | 7..... | 200..... | ..... | 50..... | ..... | ..... |
| 16 | Hill Brick Co..... | East St. Louis..... | St. Clair..... | 17,300..... | 63..... | 124..... | ..... | 2,600..... | ..... | ..... |
| 17 | Hull & Gustafson..... | Cambria..... | Henry..... | 850..... | 10..... | 95..... | ..... | ..... | ..... | ..... |
| 18 | Hydraulic-Press Brick Co..... | Aledo..... | Marion..... | 6,000..... | 20..... | 60..... | ..... | ..... | ..... | ..... |
| 19 | Hydraulic-Press Brick Co..... | Rural..... | Marshall..... | 7,955..... | 74..... | 66..... | ..... | 6,250..... | ..... | ..... |
| 20 | Illinois Clay Products Co..... | Morris..... | Grundy..... | 52,663..... | 20..... | 250..... | ..... | 12,300..... | ..... | 5..... |
| 21 | Kankakee Tile & Brick Co..... | Kankakee..... | Kankakee..... | 5,865..... | 31..... | 84..... | ..... | ..... | ..... | 5..... |
| 22 | Kloess Brick Co..... | Belleville..... | St. Clair..... | 4,000..... | 8..... | 28..... | ..... | ..... | ..... | ..... |
| 23 | J. P. Larson..... | Wyanet..... | Bureau..... | *700..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 24 | Lehigh Portland Cement Co..... | Ogdesby..... | LaSalle..... | 16,081..... | 258..... | 123..... | ..... | ..... | ..... | ..... |
| 25 | Lowe Bros..... | Cary..... | McHenry..... | 1,500..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 26 | Mascoutah Brick Co..... | Mascoutah..... | St. Clair..... | 420,000..... | 25..... | 140..... | ..... | ..... | ..... | ..... |
| 27 | Mathiessen & Hegeler Zinc Co..... | LaSalle..... | LaSalle..... | 469..... | 2..... | 47..... | 6..... | ..... | ..... | ..... |
| 28 | McLaughlin Mining Co..... | Alsey..... | Scott..... | 3,644..... | 20..... | 30..... | 150..... | ..... | ..... | ..... |
| 29 | Morton Brick & Tile Works..... | Morton..... | Tazewell..... | 200..... | 5..... | 100..... | ..... | ..... | ..... | ..... |
| 30 | Mt. Olive Brick & Tile Co..... | Mt. Olive..... | Macoupin..... | 875..... | 4..... | 100..... | ..... | ..... | ..... | ..... |
| 31 | Munson Bros. & Co..... | Capron..... | Poone..... | 950..... | 4..... | 175..... | ..... | ..... | ..... | ..... |
| 32 | National Fireproofing Corp..... | Ottawa..... | LaSalle..... | 7,600..... | 35..... | 101..... | ..... | ..... | ..... | ..... |
| 33 | Oberschelp Brick & Tile Co..... | Princeton..... | Bureau..... | 625..... | 10..... | 95..... | ..... | ..... | ..... | ..... |
| 34 | Olive Branch Mineral Co..... | Olive Branch..... | Alexander..... | *664..... | ..... | ..... | ..... | 500..... | ..... | ..... |
| 35 | Pooria Brick & Tile Co..... | Pooria..... | Tazewell..... | 12,500..... | 38..... | 130..... | ..... | 1,500..... | ..... | 1..... |
| 36 | Poston-Springfield Brick Co..... | Springfield..... | Sangamon..... | 21,070..... | 71..... | 220..... | ..... | ..... | ..... | ..... |

| | | | | | | | | |
|----|-------------------------------|----------------|-----------|---------|-------|-----|--------|----|
| 37 | Purinton Paving Brick Co. | East Galesburg | Knox | 180 | 110 | 492 | 1,850 | |
| 38 | Richards Brick Co. | Edwardsville | Madison | 8,629 | 113 | | 350 | |
| 39 | St. Anne Brick & Tile Co. | St. Anne | Kankakee | 12,460 | 44 | | | |
| 40 | St. Elmo Brick & Tile Co. | St. Elmo | Fayette | 6,326 | 85 | | 1,000 | |
| 41 | Shale Products Co. | Petersburg | Menard | 3,435 | 8 | | 171 | |
| 42 | Sinclair Refining Co. | Olmsted | Pulaski | 25,829 | 52 | | 300 | |
| 43 | Springfield Clay Products Co. | Springfield | Sangamon | 8,217 | 32 | | 1,000 | |
| 44 | Standard Oil Co. (Indiana) | Olmsted | Pulaski | 8,844 | 14 | | | 1 |
| 45 | Streator Brick Co. | Streator | LaSalle | 20,780 | 62 | | | 1 |
| 46 | Streator Drain Tile Co. | Streator | LaSalle | 17,081 | 95 | | 250 | |
| 47 | Western Brick Co. | Danville | Vermilion | 42,000 | 133 | | 4,000 | 21 |
| 48 | Western Stoneware Co. | Colchester | McDonough | *160 | 205 | | | |
| 49 | Whitehall Pottery Works | Whitehall | Greene | 300 | 151 | | | |
| | Total | | | 905,097 | 1,844 | 825 | 53,801 | 41 |

* Tonnage figures submitted to the Federal Bureau of Mines.

TABLE 5.—SILICA.

| No. | Name of operator. | Office address of company. | Location of plant. | | Pro-duction in tons. | Number em- ployed. | Days worked. | Explosives. | | Accidents. | |
|-----|----------------------------|----------------------------|--------------------|-----------|----------------------|-----------------------|--------------|----------------------|--------|----------------|----|
| | | | Post office. | County. | | | | Dynamite— pounds. | Fatal. | Non- fatal. | |
| 1 | Olive Branch Minerals Co. | Cairo. | Olive Branch | Alexander | 880 | 16 | 250 | 1,000 | | | |
| 2 | Ottawa Silica Co. | Ottawa. | Ottawa | LaSalle | 541,094 | 127 | 255 | 118,900 | | | 8 |
| 3 | Ozark Minerals Co. | Elco. | Elco | Alexander | 6,188 | 4 | 160 | | | | |
| 4 | Standard Silica Co., No. 2 | Ottawa. | Ottawa | LaSalle | 121,868 | 37 | 195 | 34,750 | | | 1 |
| 5 | Wedron Silica Co. | Chicago. | Wedron | LaSalle | 161,523 | 10 | 300 | 22,000 | | | 5 |
| | Total | | | | 831,553 | 194 | 232 | 176,650 | | | 14 |

TABLE 6.—LIMESTONE.

| Number. | County. | Number of— | | Output in tons. | Number employed. | Average days worked. | Explosives used. | | Accidents. | |
|------------|------------------|-------------|---------|-----------------|------------------|----------------------|------------------|------------------|------------|------------|
| | | Oper-ators. | Plants. | | | | Pow-der—kegs. | Dynamite—pounds. | Fatal. | Non-fatal. |
| 1 | Adams..... | 2 | 2 | 11,950 | 24 | 121 | | 8,725 | | 3 |
| 2 | Calhoun..... | 1 | 1 | 5,200 | * | * | | | | |
| 3 | Clark..... | 2 | 2 | 18,440 | 37 | 60 | | 7,100 | | 2 |
| 4 | Clinton..... | 2 | 2 | 1,671 | 6 | 42 | | 200 | | |
| 5 | Cook..... | 6 | 8 | 1,130,782 | 530 | 119 | †240 | 205,400 | | 29 |
| 6 | DuPage..... | 1 | 1 | 132,160 | 32 | 125 | | 48,950 | | 4 |
| 7 | Greene..... | 2 | 2 | 7,958 | 2 | 100 | | 1,200 | | 1 |
| 8 | Hancock..... | 3 | 3 | 15,500 | 31 | 125 | | 2,550 | 1 | |
| 9 | Hardin..... | 2 | 2 | 23,782 | 64 | 71 | 60 | 950 | | |
| 10 | Jackson..... | 1 | 1 | 2,029 | 3 | 165 | | 125 | | |
| 11 | Jersey..... | 3 | 4 | 53,353 | 76 | 113 | | 10,400 | | 4 |
| 12 | Johnson..... | 1 | 1 | 67,500 | 40 | 143 | | 12,000 | | |
| 13 | Kankakee..... | 1 | 1 | 288,459 | 57 | 154 | | 72,115 | | 14 |
| 14 | Kendall..... | 1 | 1 | 10,000 | 6 | 90 | | 3,000 | | |
| 15 | LaSalle..... | 3 | 3 | 1,021,632 | 1,079 | 185 | | 359,400 | | |
| 16 | Livingston..... | 3 | 3 | 43,958 | 40 | 40 | | 1,000 | | |
| 17 | Madison..... | 3 | 3 | 284,948 | 42 | 197 | | 46,500 | | 21 |
| 18 | Marion..... | 1 | 1 | 1,700 | 15 | 42 | | | | |
| 19 | McDonough..... | 1 | 1 | 10,000 | 150 | 200 | 120 | | | 1 |
| 20 | Monroe..... | 8 | 8 | 65,256 | 79 | 130 | | 15,650 | | 1 |
| 21 | Ogle..... | 5 | 5 | 13,486 | 2 | 88 | | 200 | | |
| 22 | Peoria..... | 1 | 1 | 100 | * | * | | | | |
| 23 | Randolph..... | 1 | 1 | 60,588 | 550 | 208 | | 12,000 | | 6 |
| 24 | Rock Island..... | 1 | 1 | 30,726 | 15 | 275 | 202 | | | |
| 25 | St. Clair..... | 6 | 6 | 496,100 | 547 | 128 | | 131,700 | | 5 |
| 26 | Stephenson..... | 1 | 1 | 900 | * | * | | | | |
| 27 | Union..... | 2 | 2 | 65,935 | 36 | 100 | 1 | 21,300 | | 5 |
| 28 | Washington..... | 3 | 3 | 952 | 5 | 40 | | 50 | | |
| 29 | Whiteside..... | 1 | 1 | 4,296 | 40 | 175 | | 2,700 | | |
| 30 | Will..... | 3 | 3 | 280,122 | 193 | 126 | | 99,400 | | 57 |
| 31 | Winnebago..... | 1 | 1 | 9,000 | 10 | 50 | | 3,000 | | |
| Total..... | | 71 | 75 | 4,158,483 | 3,711 | 122 | 623 | 1,065,685 | 1 | 153 |

* Not reported.

† Cook County used 65,273 pounds of liquid oxygen in addition.

TABLE 7.—OIL AND GAS.

| Number. | County. | Number of— | | Production. | | Number employed. | Explosives—nitroglycerine—quarts. | Accidents—non-fatal. |
|------------|-----------------|-------------|--------|--------------|-----------------------|------------------|-----------------------------------|----------------------|
| | | Oper-ators. | Wells. | Oil—barrels. | Gas—1,000 cubic feet. | | | |
| 1 | Bond..... | 1 | 7 | | 13,446 | 2 | | |
| 2 | Clark..... | 12 | 1,074 | 224,106 | 11,044 | *22 | | |
| 3 | Clinton..... | 1 | 109 | 25,376 | | * | | 1 |
| 4 | Crawford..... | 24 | 6,344 | 1,377,319 | 419,127 | *178 | 80 | 16 |
| 5 | Cumberland..... | 4 | 608 | 100,721 | 160,821 | *3 | | |
| 6 | Hancock..... | 1 | 5 | 3,621 | | * | | |
| 7 | Lawrence..... | 14 | 3,232 | 1,699,811 | 500,302 | *75 | 5 | 11 |
| 8 | Marion..... | 5 | 113 | 50,475 | | *13 | | |
| 9 | McDonough..... | 3 | 308 | 94,244 | | *4 | | |
| 10 | St. Clair..... | 2 | 50 | 45,492 | | *1 | 80 | |
| 11 | Wabash..... | 21 | 130 | 98,141 | 50 | *21 | 40 | |
| Total..... | | 62 | 11,980 | 3,719,306 | 1,104,790 | †1,140 | 205 | 28 |

* The Ohio Oil Co. and W. C. McBride, Inc., did not distribute their employees by counties.

† Includes 821 employees not distributed by counties.

TABLE 8.—SAND AND GRAVEL.

| Number. | County. | Number of— | | Production in tons. | Num- ber em- ployed. | Average days worked. | Explosives used. | | Accidents. | |
|---------|-------------|-----------------|---------|------------------------|-------------------------------|----------------------------|-----------------------|----------------------|------------|----------------|
| | | Oper- ators. | Plants. | | | | Pow- der— kegs. | Dynamite— pounds. | Fatal. | Non- fatal. |
| 1 | Adams | 2 | 2 | 7,106 | 3 | 200 | | | | |
| 2 | Alexander | 3 | 3 | 52,721 | 56 | 61 | 175 | 8,850 | | 4 |
| 3 | Bond | 4 | 4 | 9,200 | 7 | 51 | | 6 | | |
| 4 | Boone | 1 | 1 | 265 | | | | | | |
| 5 | Bureau | 5 | 5 | 80,461 | 23 | 117 | | | | |
| 6 | Cook | 1 | 1 | 16,992 | | | | | | |
| 7 | DeKalb | 1 | 1 | 5,700 | | | | | | |
| 8 | DuPage | 2 | 2 | 60,452 | 5 | 110 | | | | |
| 9 | Fayette | 2 | 2 | 700 | 28 | 55 | | | | |
| 10 | Grundy | 1 | 1 | 2,183 | | | | | | |
| 11 | Hancock | 1 | 1 | 250 | | | | | | |
| 12 | Hardin | 1 | 1 | 500 | 1 | 60 | | | | |
| 13 | Henderson | 2 | 2 | 22,326 | 11 | 98 | | | 1 | 1 |
| 14 | Henry | 1 | 1 | 4,000 | 10 | 100 | | | | 2 |
| 15 | Kane | 3 | 3 | 88,970 | 17 | 39 | | | | 3 |
| 16 | Kendall | 1 | 1 | 270,000 | 26 | 116 | | | | 5 |
| 17 | Lake | 3 | 3 | 134,268 | 27 | 112 | | 200 | | |
| 18 | LaSalle | 6 | 6 | 42,285 | 12 | 145 | | 2,000 | | |
| 19 | Lawrence | 1 | 1 | 43,560 | 9 | 150 | | | | |
| 20 | Lee | 1 | 1 | 10,057 | | | | | | |
| 21 | Livingston | 1 | 1 | 25,000 | 6 | 110 | | | | |
| 22 | Logan | 1 | 1 | 145,687 | 30 | 140 | | | | 4 |
| 23 | Macon | 2 | 2 | 18,142 | 2 | 150 | | | | |
| 24 | Madison | 2 | 2 | 124,035 | 10 | 238 | | 1,000 | | 2 |
| 25 | Massac | 1 | 1 | 28,521 | | | | | | |
| 26 | McHenry | 5 | 5 | 916,694 | 74 | 137 | | | | |
| 27 | Ogle | 2 | 2 | 131,721 | 19 | 131 | | | | 2 |
| 28 | Peoria | 1 | 1 | 295,000 | 20 | 270 | | | | 10 |
| 29 | Putnam | 1 | 1 | 7,286 | 7 | 40 | | | | |
| 30 | Randolph | 1 | 1 | 100,000 | 6 | 186 | | | | |
| 31 | Rock Island | 4 | 4 | 55,247 | 21 | 134 | | | | |
| 32 | Sangamon | 1 | 1 | 22,630 | 6 | 95 | | | | |
| 33 | Tazewell | 3 | 4 | 660,326 | 40 | 223 | | 500 | | 12 |
| 34 | Wabash | 2 | 2 | 66,900 | 16 | 138 | | | | 1 |
| 35 | White | 2 | 2 | 14,867 | 19 | 200 | | | | 2 |
| 36 | Winnebago | 6 | 6 | 483,505 | 59 | 108 | | | | 2 |
| Total | | 71 | 78 | 3,947,557 | 570 | 128 | 175 | 12,556 | 1 | 50 |

TABLE 9—SHALE AND CLAY.

| Number. | County. | Number of— | | Production in tons. | Number employed. | Average days worked. | Explosives used. | | Accidents. | |
|------------|-----------------|-------------|---------|---------------------|------------------|----------------------|------------------|------------------|------------|------------|
| | | Oper-ators. | Plants. | | | | Pow-der—kegs. | Dynamite—pounds. | Fatal. | Non-fatal. |
| 1 | Adams..... | 1 | 1 | 735 | 11 | 25 | | | | |
| 2 | Alexander..... | 1 | 1 | 664 | | | | | | |
| 3 | Boone..... | 1 | 1 | 950 | 4 | 175 | | | | |
| 4 | Bureau..... | 2 | 2 | 1,325 | 10 | 95 | | | | |
| 5 | Cook..... | 1 | 1 | 10,800 | 82 | 50 | | | | 1 |
| 6 | Edwards..... | 1 | 2 | 18,300 | 116 | 97 | | 5,200 | | 3 |
| 7 | Fayette..... | 1 | 1 | 6,326 | 40 | 85 | | 1,000 | | |
| 8 | Greene..... | 1 | 1 | 300 | 29 | 151 | | | | |
| 9 | Grundy..... | 1 | 1 | 52,663 | 20 | 250 | | 12,300 | | 5 |
| 10 | Henry..... | 1 | 1 | 850 | 10 | 95 | | | | |
| 11 | Jackson..... | 1 | 1 | 1,410 | 30 | 32 | 10 | | | |
| 12 | Kankakee..... | 3 | 3 | 30,325 | 118 | 94 | | | | 5 |
| 13 | Knox..... | 1 | 1 | 58,380 | 180 | 110 | 492 | 1,850 | | |
| 14 | LaSalle..... | 6 | 6 | 74,847 | 454 | 165 | 123 | 430 | | 1 |
| 15 | Livingston..... | 1 | 1 | 272 | 7 | 15 | | | | |
| 16 | Macoupin..... | 1 | 1 | 875 | 4 | 100 | | | | |
| 17 | Madison..... | 2 | 2 | 21,114 | 94 | 107 | 50 | 2,350 | | |
| 18 | Marshall..... | 1 | 1 | 7,955 | 74 | 66 | | 6,250 | | |
| 19 | McDonough..... | 3 | 3 | 16,899 | 27 | 123 | | 14,000 | | 1 |
| 20 | McHenry..... | 1 | 1 | 1,500 | | | | | | |
| 21 | Menard..... | 1 | 1 | 3,435 | 8 | 108 | | 171 | | |
| 22 | Mercer..... | 1 | 1 | 6,000 | 20 | 60 | | | | |
| 23 | Pike..... | 1 | 1 | 80 | 2 | 24 | | | | |
| 24 | Pulaski..... | 2 | 2 | 34,673 | 66 | 263 | | 300 | | 1 |
| 25 | St. Clair..... | 4 | 4 | 457,616 | 115 | 94 | | 2,600 | | |
| 26 | Saline..... | 1 | 1 | 2,172 | 17 | 122 | | 300 | | 2 |
| 27 | Sangamon..... | 2 | 2 | 29,287 | 103 | 153 | | 2,500 | | 1 |
| 28 | Schuyler..... | 1 | 1 | 7,000 | 7 | 200 | | 50 | | |
| 29 | Scott..... | 1 | 1 | 3,644 | 20 | 50 | 150 | | | |
| 30 | Tazewell..... | 2 | 2 | 12,700 | 43 | 115 | | 500 | | |
| 31 | Vermilion..... | 1 | 1 | 42,000 | 133 | 205 | | 4,000 | | 21 |
| Total..... | | 47 | 49 | 905,097 | 1,844 | 120 | 825 | 53,801 | | 41 |

TABLE 10—SILICA.

| Number. | County. | Number of— | | Production in tons. | Number employed. | Average days worked. | Explosives used. | | Accidents. | |
|------------|----------------|-------------|---------|---------------------|------------------|----------------------|------------------|------------------|------------|------------|
| | | Oper-ators. | Plants. | | | | Pow-der—kegs. | Dynamite—pounds. | Fatal. | Non-fatal. |
| 1 | Alexander..... | 2 | 2 | 7,068 | 20 | 205 | | 1,000 | | |
| 2 | LaSalle..... | 3 | 3 | 824,485 | 174 | 250 | | 175,650 | | 14 |
| Total..... | | 5 | 5 | 831,553 | 194 | 232 | | 176,650 | | 14 |

TABLE 11.—SUMMARY OF TABLES 6, 7, 8, 9 AND 10.

| Industry. | Number of— | | | Production. | Number employed. | Average days worked. | Explosives used. | | Accidents. | |
|----------------------|----------------|------------------|---------|-------------|------------------|----------------------|-----------------------|---------------------------|------------|----------------|
| | Coun- ties. | Oper- a tors. | Plants. | | | | Pow- der— kegs. | Dyna- mite— pounds. | Fatal. | Non- fatal. |
| Limestone..... | 31 | 71 | 75 | *4,158,483 | 3,711 | 122 | 623 | †1,065,685 | 1 | 153 |
| Oil and gas..... | 11 | 62 | 11,980 | ‡3,719,306 | 1,140 | ----- | ----- | **205 | ----- | 28 |
| | | | | †1,104,790 | | | | | | |
| Sand and gravel..... | 36 | 71 | 78 | *3,947,557 | 570 | 128 | 175 | 12,556 | 1 | 50 |
| Shale and clay..... | 31 | 47 | 49 | *905,097 | 1,844 | 120 | 825 | 53,801 | ----- | 41 |
| Silica..... | 2 | 5 | 5 | *831,553 | 194 | 232 | ----- | 176,650 | ----- | 14 |
| Total..... | 67 | 256 | 12,187 | *9,842,690 | 7,459 | 126 | 1,623 | 1,308,692 | 2 | 286 |
| | | | | ‡3,719,306 | | | | †55,273 | | |
| | | | | †1,104,790 | | | | **205 | | |

* Tons. † Barrels of oil. ‡ M. cu. ft. of gas. ¶ 65,273 pounds of liquid oxygen additional.
 ** Quarts of nitroglycerine.

| | | | | | | | | | | | | | | | | | |
|---------------------|-------|------------|----|--------|---|-------|----|-----------|--------|-----------|-----------|----|-----------|----|---------|---|---------|
| 39 LaSalle..... | 88 | 324,465 | | | | | 3 | 1,021,632 | 3,232 | 1,699,811 | 500,302 | 6 | 42,285 | 6 | 74,847 | 3 | 824,485 |
| 40 Lawrence..... | | | | | | | | | | | | 1 | 43,560 | | | | 40 |
| 41 Lee..... | | | | | | | | | | | | 1 | 10,037 | | | | 41 |
| 42 Livingston..... | 24 | 25,724 | | | | | 3 | 43,958 | | | | 1 | 25,000 | 1 | 272 | | 42 |
| 43 Logan..... | | | | | | | | | | | | 1 | 145,687 | | | | 43 |
| 44 Macon..... | 1 | 164,401 | | | | | | | | | | 2 | 18,142 | 1 | | | 44 |
| 45 Macoupin..... | 19 | 3,372,601 | | | | | 3 | 284,948 | | | | 2 | 124,035 | 2 | 21,114 | | 45 |
| 46 Madison..... | 35 | 1,616,665 | | | | | 1 | 1,700 | 113 | 50,475 | | 2 | | | | | 46 |
| 47 Marion..... | 2 | 292,762 | | | | | | | | | | 1 | | | | | 47 |
| 48 Marshall..... | 26 | 12,732 | | | | | | | | | | 1 | | | 7,955 | | 48 |
| 49 Macao..... | | | | | | | | | | | | 1 | 28,521 | 1 | | | 49 |
| 50 McDonough..... | 36 | 10,072 | | | | | 1 | 10,000 | 308 | 94,244 | | 5 | 916,694 | 3 | 16,899 | | 50 |
| 51 McHenry..... | 11 | 105,972 | | | | | | | | | | 1 | 1,500 | 1 | 3,435 | | 51 |
| 52 Menard..... | 20 | 40,354 | | | | | | | | | | | | 1 | 6,000 | | 52 |
| 53 Mercer..... | 1 | 444 | | | | | 8 | 65,256 | | | | | | 1 | | | 53 |
| 54 Monroe..... | 2 | 549,671 | | | | | | | | | | | | | | | 54 |
| 55 Montgomery..... | 1 | 765 | | | | | | | | | | | | | | | 55 |
| 56 Morgan..... | | | | | | | | | | | | | | | | | 56 |
| 57 Ogle..... | | | | | | | 5 | 13,486 | | | | 2 | 131,721 | | | | 57 |
| 58 Peoria..... | 81 | 1,536,550 | | | | | 1 | 100 | | | | 1 | 295,000 | | | | 58 |
| 59 Perry..... | 32 | 3,038,966 | | | | | | | | | | | | | | | 59 |
| 60 Pike..... | | | | | | | | | | | | | | 1 | 80 | | 60 |
| 61 Pope..... | 1 | 200 | | | 4 | 1,217 | | | | | | | | | | | 61 |
| 62 Pulaski..... | | | | | | | | | | | | 1 | 7,286 | | | | 62 |
| 63 Putnam..... | 1 | 80,913 | | | | | 1 | 60,588 | | | | 1 | 100,000 | | | | 63 |
| 64 Randolph..... | 15 | 477,330 | | | | | | | | | | | | | | | 64 |
| 65 Richard..... | 1 | 35 | | | | | | | | | | | | | | | 65 |
| 66 Rock Island..... | 14 | 78,298 | | | | | 1 | 30,726 | | | | 4 | 55,247 | 4 | 457,616 | | 66 |
| 67 St. Clair..... | 68 | 2,508,219 | | | | | 6 | 495,100 | 50 | 45,492 | | 1 | | 1 | 2,172 | | 67 |
| 68 Saline..... | 44 | 2,734,233 | | | | | | | | | | | | 2 | 29,287 | | 68 |
| 69 Sangamon..... | 22 | 2,943,288 | | | | | | | | | | 1 | 22,630 | 2 | 7,000 | | 69 |
| 70 Schuyler..... | 60 | 50,897 | | | | | | | | | | | | 1 | | | 70 |
| 71 Scott..... | 10 | 4,955 | | | | | | | | | | | | 1 | 3,644 | | 71 |
| 72 Shelby..... | 15 | 30,213 | | | | | | | | | | | | | | | 72 |
| 73 Stark..... | 16 | 20,842 | | | | | | | | | | | | | | | 73 |
| 74 Stephenson..... | | | | | | | 1 | 900 | | | | 4 | 660,326 | 2 | 12,700 | | 74 |
| 75 Tazewell..... | 8 | 328,142 | | | | | | | | | | | | | | | 75 |
| 76 Union..... | | | | | | | 2 | 65,935 | | | | | | 1 | 42,000 | | 76 |
| 77 Vermilion..... | 130 | 1,945,425 | | | | | | | | | 50 | | | | | | 77 |
| 78 Wabash..... | 6 | 14,212 | | | | | | | 130 | 98,141 | | 2 | 66,900 | | | | 78 |
| 79 Warren..... | 12 | 8,677 | | | | | | | | | | | | | | | 79 |
| 80 Washington..... | 5 | 320,942 | | | | | 3 | 952 | | | | 2 | 14,867 | | | | 80 |
| 81 White..... | 1 | 31,006 | | | | | | | | | | | | | | | 81 |
| 82 Whiteside..... | | | | | | | 1 | 4,296 | | | | | | | | | 82 |
| 83 Will..... | 2 | 968,951 | | | | | 3 | 280,122 | | | | | | | | | 83 |
| 84 Williamson..... | 99 | 2,090,090 | | | | | | | | | | | | | | | 84 |
| 85 Winnebago..... | | | | | | | 1 | 9,000 | | | | 6 | 483,505 | | | | 85 |
| 86 Woodford..... | 2 | 103,260 | | | | | | | | | | | | | | | 86 |
| Total..... | 1,347 | 41,724,078 | 15 | 60,429 | 1 | 8 | 75 | 4,158,483 | 11,980 | 3,719,306 | 1,104,790 | 78 | 3,947,557 | 49 | 905,097 | 5 | 831,553 |

REPORT OF METAL MINES.

HOMER HARRIS, INSPECTOR.

The following tables show the activities of the metal mines for the year 1934.

TABLE 1—NAME OF OPERATOR, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCT, METHOD OF HOISTING AND MINING.

| Name of operator. | Location of mine. | | Depth of shaft in feet. | Product used for— | Method of hoisting. | Method of mining. |
|---|-------------------|-----------|-------------------------|-------------------------------|---------------------|-------------------|
| | Post office. | County. | | | | |
| Hillside Fluorspar Mines | Rosiclare..... | Hardin... | 650 | Steel flux..... | Electricity.. | Machine. |
| Benson Fluorspar Co... | Cave-in-Rock... | Hardin... | a | Steel flux..... | Air..... | Hand and machine. |
| Rosiclare Lead & Fluorspar Mining Co..... | Rosiclare..... | Hardin.. | 700 | Steel, glass and enamelware.. | Electricity.. | Machine. |
| Victory Fluorspar Mining Co..... | Elizabethtown... | Hardin... | 165 | Steel flux..... | Steam..... | Hand. |
| Crystal Fluorspar Co... | Rosiclare..... | Hardin... | 40 | Steel flux..... | Gasoline... | Hand. |
| Fluorspar Products Corp..... | Elizabethtown... | Hardin... | Drift... | a | a | Hand. |
| Knight, Knight & Clark | Rosiclare..... | Pope.... | 60 | Steel flux..... | Steam..... | Hand and machine. |
| Conrad, J. C..... | Herod..... | Pope.... | 100 | Steel flux..... | Steam..... | Hand and machine. |
| Sunbeam Fluorspar Co. | Elizabethtown... | Hardin... | Slope .. | Steel flux..... | None..... | Hand. |
| Cullum, Fred..... | Elizabethtown... | Hardin... | 30 | Steel flux..... | Steam..... | Hand. |
| Dimick, W. E..... | Rosiclare..... | Hardin... | 200 | Steel flux..... | Steam..... | Machine. |
| Crabb, O. E..... | Herod..... | Pope.... | 40 | Steel flux..... | Hand..... | Hand. |
| Goleonda Mining Co... | Goleonda..... | Pope.... | 70 | a | Gasoline... | Hand. |
| Hamp, William..... | Herod..... | Hardin... | 65 | a | Gasoline... | Hand. |
| Daymon, L. A..... | Cave-in-Rock... | Hardin... | 57 | a | Hand..... | Hand. |
| Sheldon, Elsworth... | Goleonda..... | Hardin... | 41 | Steel flux..... | Hand..... | Hand. |

(a) Not reported.

TABLE 2—PRODUCTION AND DISPOSITION OF PRODUCT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED, NUMBER INJURED AND DAYS LOST.

| Name of operator. | Production —tons. | | Tons shipped to— | | | Ex- plosives. | Employees. | Days worked. | Number injured. | Days lost. |
|---|----------------------|-------|------------------------|---------------|-----------------------|----------------------|------------|--------------|-----------------|------------|
| | Fluorspar. | Lead. | Points in Illinois. | Other states. | Foreign countries. | Dynamite— pounds. | | | | |
| Hillside Fluorspar Mines..... | 30,398 | ----- | 1,328 | 7,546 | --- | 54,750 | 90 | 168 | 7 | 76 |
| Benzon Fluorspar Co..... | 12,632 | ----- | ----- | 3,900 | 142 | 18,950 | 95 | 200 | --- | --- |
| Rosiclare Lead & Fluorspar Mining Co..... | 7,379 | ----- | 465 | 9,629 | 60 | 20,740 | 27 | 200 | 1 | 41 |
| Victory Fluorspar Mining Co..... | 4,840 | ----- | ----- | 4,840 | --- | 11,500 | 18 | 189 | 1 | 9 |
| Crystal Fluorspar Co..... | 2,000 | ----- | ----- | 2,000 | --- | 3,000 | 20 | 112 | 2 | 92 |
| Fluorspar Products Corp..... | 1,542 | ----- | ----- | 1,542 | --- | 6,000 | 14 | 200 | --- | --- |
| Knight, Knight & Clark..... | 877 | ----- | ----- | 877 | --- | 500 | 8 | 187 | --- | --- |
| Conrad, J. C..... | 200 | ----- | 200 | ----- | --- | 50 | 6 | 90 | --- | --- |
| Sunbeam Fluorspar Co..... | 150 | ----- | 40 | ----- | --- | 400 | 4 | 90 | --- | --- |
| Cullum, Fred..... | 140 | ----- | 140 | ----- | --- | ----- | 4 | 60 | --- | --- |
| Dimick, W. E..... | 125 | ----- | ----- | 125 | --- | 125 | 3 | 90 | --- | --- |
| Crabb, O. E..... | 70 | ----- | 70 | ----- | --- | ----- | 3 | 60 | --- | --- |
| Golconda Mining Co..... | 50 | ----- | ----- | 50 | --- | 100 | 4 | 60 | 2 | 120 |
| Hamp, William..... | 20 | ----- | ----- | ----- | --- | 5 | 4 | 30 | --- | --- |
| Daymon, L. A..... | ----- | 8 | 8 | ----- | --- | ----- | 5 | 90 | --- | --- |
| Sheldon, Elsworth..... | 6 | ----- | 6 | ----- | --- | 3 | 2 | 24 | --- | --- |
| Total..... | 60,429 | 8 | 2,257 | 30,509 | 202 | 116,123 | 307 | a116 | 13 | 338 |

(a) Average.

REPORT OF STATE MINING BOARD.

The State Mining Board held examinations in March and September for the purpose of passing upon the qualifications of applicants for State Mine Inspector and in May, September and December for Mine Managers, Mine Examiners and Hoisting Engineers.

The names and addresses of those passing these tests are as follows:

STATE MINE INSPECTORS.

| Name. | Post office. | County. | Age. | Birthplace. | Date of examination. | Number of certificate. |
|---------------------------|---------------------|-----------------|------|-------------------|----------------------|------------------------|
| Amberger, Joseph..... | Petersburg..... | Menard..... | 57 | Germany..... | Mar. 15 | 204 |
| Anderson, Mat..... | Glen Carbon..... | Madison..... | 37 | Scotland..... | Mar. 15 | 222 |
| Casassa, Joseph B..... | Spring Valley..... | Bureau..... | 43 | Illinois..... | Mar. 15 | 201 |
| Conlin, William..... | Carlinville..... | Macoupin..... | 65 | Scotland..... | Mar. 15 | 212 |
| Cosgrove, Bernard..... | Benton..... | Franklin..... | 61 | Scotland..... | Mar. 15 | 203 |
| Coulson, R. E. M..... | Collinsville..... | Madison..... | 56 | England..... | Mar. 15 | 216 |
| Deemy, George H..... | Peoria..... | Peoria..... | 58 | Pennsylvania..... | Mar. 15 | 202 |
| Donaldson, John A..... | Danville..... | Vermilion..... | 55 | Scotland..... | Mar. 15 | 215 |
| Duddy, Martin..... | Nokomis..... | Montgomery..... | 58 | England..... | Mar. 15 | 227 |
| Eldridge, Willard..... | West Frankfort..... | Franklin..... | 43 | Illinois..... | Mar. 15 | 224 |
| Evans, John H..... | Harrisburg..... | Saline..... | 41 | Ohio..... | Sept. 11 | 228 |
| Firth, Joe, Jr..... | Beuld..... | Macoupin..... | 30 | Kansas..... | Mar. 15 | 223 |
| Forester, Leonard..... | Percy..... | Randolph..... | 48 | Illinois..... | Mar. 15 | 218 |
| Haffter, Charles..... | Mt. Olive..... | Macoupin..... | 58 | Illinois..... | Mar. 15 | 207 |
| Higgins, Thomas C..... | Collinsville..... | Madison..... | 35 | Scotland..... | Mar. 15 | 208 |
| Janessa, Frank..... | Springfield..... | Sangamon..... | 41 | Illinois..... | Mar. 15 | 211 |
| Kingston, Ray..... | Shelbyville..... | Shelby..... | 44 | Illinois..... | Mar. 15 | 213 |
| Larrick, O. O..... | Nokomis..... | Montgomery..... | 63 | Virginia..... | Mar. 15 | 205 |
| McGonigal, Larry..... | Granville..... | Putnam..... | 47 | Illinois..... | Mar. 15 | 220 |
| McKenna, Thomas..... | Danville..... | Vermilion..... | 39 | Indiana..... | Mar. 15 | 225 |
| Moore, Roscoe..... | Benton..... | Franklin..... | 36 | Illinois..... | Mar. 15 | 226 |
| Nickolson, John..... | Divernon..... | Sangamon..... | 53 | England..... | Mar. 15 | 210 |
| Reed, James M..... | LaSalle..... | LaSalle..... | 58 | Illinois..... | Mar. 15 | 209 |
| Roberts, Harry..... | Edinburg..... | Christian..... | 49 | Illinois..... | Mar. 15 | 206 |
| Scully, Thomas Alvin..... | Troy..... | Madison..... | 35 | Illinois..... | Mar. 15 | 214 |
| Urbain, Gus..... | Springfield..... | Sangamon..... | 50 | Indiana..... | Mar. 15 | 221 |
| Watson, William..... | Carbondale..... | Jackson..... | 41 | England..... | Mar. 15 | 217 |
| Wilson, David..... | Lincoln..... | Logan..... | 58 | Illinois..... | Mar. 15 | 219 |

MINE MANAGERS—FIRST CLASS.

| Name. | Post office. | County. | Age. | Birthplace. | Date of examination. | Number of certificate. |
|------------------------|-------------------|-----------------|------|----------------|----------------------|------------------------|
| Ackerman, Robert..... | Staunton..... | Macoupin..... | 42 | Illinois..... | Dec. 17 | 1,669 |
| Adamson, Magnus J..... | Highland..... | Madison..... | 35 | England..... | Dec. 17 | 1,670 |
| Baggett, John R..... | Eldorado..... | Saline..... | 40 | Illinois..... | May 21 | 1,641 |
| Brymer, Thomas N..... | Herrin..... | Williamson..... | 49 | Tennessee..... | May 21 | 1,645 |
| Christe, Tony..... | Edwardsville..... | Madison..... | 40 | Austria..... | May 21 | 1,634 |
| Conway, Lee..... | Staunton..... | Macoupin..... | 54 | Illinois..... | Dec. 17 | 1,662 |
| Cusack, Walter..... | Edwards..... | Peoria..... | 31 | Illinois..... | May 21 | 1,644 |

MINE MANAGERS—FIRST CLASS—Concluded.

| Name. | Post office. | County. | Age. | Birthplace. | Date of exam-ination. | Number of cer-tificate. |
|---------------------|------------------|------------|------|---------------|-----------------------|-------------------------|
| Dowiatt, A. C. | Westville. | Vermilion | 31 | Illinois. | May 21 | 1,635 |
| Dumont, Joe. | Staunton. | Macoupin | 36 | Illinois. | May 21 | 1,646 |
| Evans, Arthur R. | Springfield. | Sangamon | 25 | Illinois. | May 21 | 1,651 |
| Feldman, William. | Pocahontas. | Bond. | 36 | Illinois. | Dec. 17 | 1,671 |
| Forester, Leo J. | Percy. | Randolph | 26 | Illinois. | May 21 | 1,637 |
| Foulk, John M. | Carlinville. | Macoupin | 49 | Illinois. | May 21 | 1,649 |
| Grone, Simon F. | Staunton. | Macoupin | 48 | Missouri. | Dec. 17 | 1,672 |
| Haller, Emil. | Mt. Olive. | Macoupin | 38 | Illinois. | Sept. 10 | 1,655 |
| Hendricks, Frank E. | Frederick. | Schuyler. | 39 | Illinois. | May 21 | 1,650 |
| Jefford, Lloyd. | Glasford. | Peoria. | 29 | Illinois. | May 21 | 1,639 |
| Johns, Columbus. | Harrisburg. | Saline. | 37 | Alabama. | Sept. 10 | 1,657 |
| Kotzman, John. | Staunton. | Macoupin | 32 | Germany. | May 21 | 1,647 |
| Lisse, Herman. | Tovey. | Christian. | 29 | Michigan. | Sept. 10 | 1,652 |
| Miller, Frank L. | Pleasant Plains. | Sangamon | 40 | Illinois. | Sept. 10 | 1,653 |
| Montgomery, Dennis. | Harrisburg. | Saline. | 35 | Indiana. | May 21 | 1,640 |
| Moore, William. | Benton. | Franklin. | 27 | Illinois. | Dec. 17 | 1,663 |
| Oblack, Bartel. | Clinton, Ind. | Vermilion | 53 | Austria. | Dec. 17 | 1,665 |
| Orme, John. | Springfield. | Sangamon | 34 | England. | Sept. 10 | 1,658 |
| Rieken, William. | Belleville. | St. Clair | 46 | Illinois. | May 21 | 1,648 |
| Robling, P. M. | Staunton. | Macoupin | 34 | Indiana. | May 21 | 1,642 |
| Sandusky, Everett. | Georgetown. | Vermilion | 28 | Illinois. | Dec. 17 | 1,660 |
| Sadler, Walter. | Harrisburg. | Saline. | 37 | Kentucky. | May 21 | 1,643 |
| Sharknas, John. | West Frankfort. | Franklin | 26 | Illinois. | Dec. 17 | 1,666 |
| Sharp, John. | Union. | Gallatin | 54 | Tennessee. | Sept. 10 | 1,659 |
| Smith, Charles J. | Moweaqua. | Shelby | 45 | Illinois. | May 21 | 1,638 |
| Stone, Frank M. | Ewing. | Franklin | 30 | Illinois. | Dec. 17 | 1,667 |
| Sweeney, William J. | Staunton. | Macoupin | 41 | Illinois. | Dec. 17 | 1,664 |
| Tarrach, Anton C. | Staunton. | Macoupin | 40 | Illinois. | Dec. 17 | 1,668 |
| Thomas, John W. | Taylorville. | Christian | 27 | Ohio. | Sept. 10 | 1,654 |
| Vukelic, John. | Mt. Olive. | Macoupin | 30 | Illinois. | Sept. 10 | 1,656 |
| Williams, Ray. | Benton. | Franklin | 38 | Illinois. | May 21 | 1,636 |
| Wilson, Robert. | Staunton. | Macoupin | 64 | Pennsylvania. | Dec. 17 | 1,661 |

MINE MANAGERS—SECOND CLASS.

| Name. | Post office. | County. | Age. | Birthplace. | Date of exam-ination. | Number of cer-tificate. |
|-----------------------|---------------|-------------|------|---------------|-----------------------|-------------------------|
| Ackerson, William. | Cuba. | Fulton | 55 | Illinois. | Dec. 17 | 1,128 |
| Ackley, Raymond. | Middletown. | Logan | 39 | Illinois. | Sept. 10 | 1,054 |
| Adams, Delmar. | Littleton. | Schuyler. | 45 | Missouri. | Dec. 17 | 1,125 |
| Anderson, Cecil G. | Roodhouse. | Greene. | 30 | Georgia. | Sept. 10 | 1,089 |
| Anderson, Daniel W. | Shelbyville. | Shelby | 69 | Illinois. | Dec. 17 | 1,154 |
| Arnold, Ira. | Rushville. | Schuyler. | 35 | Illinois. | Dec. 17 | 1,155 |
| Askew, Arthur. | Marion. | Williamson. | 49 | Illinois. | Sept. 10 | 1,097 |
| Austin, C. A. | Rushville. | Schuyler. | 41 | Illinois. | Sept. 10 | 1,031 |
| Barclay, Donald. | Mapleton. | Peoria. | 33 | Illinois. | Sept. 10 | 1,025 |
| Bates, Harvey. | Kewanee. | Henry. | 39 | Illinois. | Sept. 10 | 1,062 |
| Baxter, W. B. | Birmingham. | Schuyler. | 53 | Illinois. | Dec. 17 | 1,134 |
| Bennett, Colyer. | Eldorado. | Saline. | 32 | Illinois. | Sept. 10 | 1,050 |
| Bennett, John. | Eldorado. | Saline. | 23 | Illinois. | Sept. 10 | 1,051 |
| Beoletto, Frank. | Farmington. | Italy. | 46 | Italy. | Sept. 10 | 1,090 |
| Berry, James. | Springfield. | Sangamon | 58 | Illinois. | Sept. 10 | 1,044 |
| Bevard, Elmer L. | Ellisville. | Fulton | 44 | Illinois. | Sept. 10 | 1,058 |
| Blagden, Arthur. | Avon. | Fulton | 50 | Illinois. | May 21 | 1,013 |
| Bobo, George C. | Canton. | Fulton | 42 | Illinois. | Sept. 10 | 1,022 |
| Boek, William. | Danville. | Vermilion | 57 | Germany. | Sept. 10 | 1,085 |
| Boen, Ira. | Danville. | Vermilion | 44 | Illinois. | Dec. 17 | 1,120 |
| Bolinski, Walter. | Pinekeyville. | Perry. | 48 | Pennsylvania. | Sept. 10 | 1,084 |
| Bowman, Homer E. | Littleton. | Schuyler. | 59 | Illinois. | Sept. 10 | 1,023 |
| Branchfield, Frank B. | Canton. | Fulton | 37 | Illinois. | May 21 | 1,011 |
| Brewer, A. A. | Sheffield. | Bureau. | 57 | Illinois. | Sept. 10 | 1,067 |
| Brooks, Elmer H. | Fairview. | Fulton | 51 | Illinois. | Sept. 10 | 1,068 |
| Byrn, Carl. | Marion. | Williamson | 29 | Illinois. | Sept. 10 | 1,046 |
| Byrn, Henry. | Marion. | Williamson | 50 | Illinois. | Sept. 10 | 1,047 |
| Carter, Ezra. | Marion. | Williamson. | 49 | Illinois. | Sept. 10 | 1,099 |

MINE MANAGERS—SECOND CLASS—Continued.

| Name. | Post office. | County. | Age. | Birthplace. | Date of exam-ination. | Number of cer-tificate. |
|---------------------------|--------------------|-----------------|------|-----------------|-----------------------|-------------------------|
| Chandler, Fred..... | Cuba..... | Fulton..... | 59 | New Jersey..... | Dec. 17 | 1,118 |
| Chaney, Floyd..... | Equality..... | Gallatin..... | 35 | Illinois..... | May 21 | 1,008 |
| Clusker, John P..... | Springfield..... | Sangamon..... | 39 | Scotland..... | May 21 | 997 |
| Collins, Noble..... | Danville..... | Vermilion..... | 50 | Illinois..... | Dec. 17 | 1,107 |
| Collins, Wesley A..... | Peoria..... | Peoria..... | 28 | Illinois..... | May 21 | 1,014 |
| Colwell, Frank..... | Sparland..... | Marshall..... | 55 | Illinois..... | Dec. 17 | 1,165 |
| Colwell, Willis..... | Chillicothe..... | Peoria..... | 25 | Illinois..... | Dec. 17 | 1,148 |
| Cook, Charley..... | Vermont..... | Fulton..... | 36 | Illinois..... | May 21 | 1,021 |
| Cooper, Henry..... | Equality..... | Gallatin..... | 43 | Illinois..... | Dec. 17 | 1,160 |
| Corder, Vallie..... | Marion..... | Williamson..... | 31 | Illinois..... | Sept. 10 | 1,100 |
| Cotton, Charles F..... | DeSoto..... | Jackson..... | 40 | Illinois..... | Dec. 17 | 1,158 |
| Cox, Lester..... | Carterville..... | Williamson..... | 42 | Illinois..... | Sept. 10 | 1,035 |
| Crippin, Glenn..... | Westville..... | Vermilion..... | 27 | Illinois..... | Dec. 17 | 1,108 |
| Crone, Adam..... | Streator..... | LaSalle..... | 42 | Illinois..... | Sept. 10 | 1,104 |
| Davidson, Robert..... | Streator..... | LaSalle..... | 54 | England..... | Sept. 10 | 1,085 |
| Davis, Orville..... | Astoria..... | Fulton..... | 25 | Illinois..... | Sept. 10 | 1,073 |
| DeFour, Julius..... | Fairview..... | Fulton..... | 29 | Italy..... | May 21 | 1,017 |
| Dorich, Joseph..... | Canton..... | Fulton..... | 44 | Austria..... | Dec. 17 | 1,136 |
| Drudi, P. A..... | Pekin..... | Tazewell..... | 40 | Italy..... | Sept. 10 | 1,086 |
| Duquesnoy, Louis..... | Danville..... | Vermilion..... | 45 | France..... | Dec. 17 | 1,162 |
| Durant, Ray..... | Neponset..... | Bureau..... | 32 | Illinois..... | Sept. 10 | 1,048 |
| Dwyer, William T..... | Marion..... | Williamson..... | 32 | Illinois..... | May 21 | 994 |
| Edwards, Irvin M..... | Marion..... | Williamson..... | 40 | Illinois..... | Sept. 10 | 1,063 |
| Elias, Joseph L..... | Fairview..... | Fulton..... | 40 | Illinois..... | Sept. 10 | 1,038 |
| Elias, Thomas R..... | Fairview..... | Fulton..... | 25 | Illinois..... | Sept. 10 | 1,039 |
| Esp, W. B..... | Matherville..... | Mercer..... | 56 | Illinois..... | Sept. 10 | 1,024 |
| Faletto, Steve L..... | Marseilles..... | LaSalle..... | 38 | Italy..... | Dec. 17 | 1,132 |
| Fitzgibbon, Edward T..... | Shawneetown..... | Gallatin..... | 55 | Kentucky..... | Sept. 10 | 1,078 |
| Ford, Richard..... | Hanna City..... | Peoria..... | 32 | Oklahoma..... | Sept. 10 | 1,083 |
| Galasko, Paul..... | Danville..... | Vermilion..... | 45 | Lithuania..... | Dec. 17 | 1,129 |
| Glore, Fred A..... | Ellisville..... | Fulton..... | 36 | Illinois..... | May 21 | 1,009 |
| Glover, Isaac N..... | Equality..... | Gallatin..... | 30 | Illinois..... | Dec. 17 | 1,159 |
| Gorsuch, Otis W..... | Littleton..... | Schuyler..... | 37 | Illinois..... | Dec. 17 | 1,135 |
| Granko, John..... | Peoria..... | Peoria..... | 27 | Iowa..... | May 21 | 1,020 |
| Grisolano, Lewis, Jr..... | Norris..... | Fulton..... | 33 | Italy..... | Sept. 10 | 1,076 |
| Grzonich, Gabriell..... | St. David..... | Fulton..... | 47 | Austria..... | Dec. 17 | 1,142 |
| Hampton, William T..... | Marissa..... | St. Clair..... | 56 | Arkansas..... | Sept. 10 | 1,088 |
| Harrington, C. D..... | Danville..... | Vermilion..... | 35 | Illinois..... | Dec. 17 | 1,143 |
| Hendren, Roy..... | Harrisburg..... | Saline..... | 26 | Tennessee..... | Sept. 10 | 1,082 |
| Henry, Merile..... | Danville..... | Vermilion..... | 24 | Illinois..... | Dec. 17 | 1,111 |
| Hillman, William M..... | Sparland..... | Marshall..... | 40 | Tennessee..... | Dec. 17 | 1,147 |
| Howard, Earl..... | Danville..... | Vermilion..... | 42 | Illinois..... | Sept. 10 | 1,041 |
| Howard, G. W..... | Galesburg..... | Knox..... | 56 | Missouri..... | Sept. 10 | 1,040 |
| Ishum, James..... | Keensburg..... | Wabash..... | 60 | Indiana..... | Sept. 10 | 1,074 |
| Jackson, Joe..... | Alton..... | Madison..... | 50 | Illinois..... | Sept. 10 | 1,061 |
| Jackson, John..... | Mt. Carmel..... | Wabash..... | 52 | England..... | Sept. 10 | 1,069 |
| Johnson, Henry F..... | Oak Hill..... | Peoria..... | 32 | Illinois..... | May 21 | 999 |
| Johnson, Lee W..... | Viola..... | Mercer..... | 51 | Illinois..... | Sept. 10 | 1,057 |
| Kerestes, John..... | Streator..... | LaSalle..... | 51 | Austria..... | May 21 | 991 |
| Kranz, Peter..... | Sparland..... | Marshall..... | 45 | Germany..... | Dec. 17 | 1,156 |
| Krueger, August..... | Kewanee..... | Henry..... | 60 | Illinois..... | Sept. 10 | 1,101 |
| Krupps, Alfred..... | Mt. Sterling..... | Brown..... | 48 | Kansas..... | Dec. 17 | 1,124 |
| Kruse, Karl..... | Mt. Carmel..... | Wabash..... | 32 | Indiana..... | Sept. 10 | 1,096 |
| Ladda, Frank..... | Norris..... | Fulton..... | 31 | Italy..... | Sept. 10 | 1,093 |
| Lehmann, Clarence A..... | Freeburg..... | St. Clair..... | 29 | Illinois..... | Dec. 17 | 1,151 |
| McCone, William A..... | Galesburg..... | Knox..... | 54 | Illinois..... | Sept. 10 | 1,032 |
| McDonald, Willis..... | Equality..... | Gallatin..... | 43 | Illinois..... | Dec. 17 | 1,153 |
| McDowell, Iley M..... | Harrisburg..... | Saline..... | 54 | Illinois..... | May 21 | 1,015 |
| McNew, C. C..... | Stonefort..... | Saline..... | 54 | Illinois..... | Dec. 17 | 1,161 |
| Maccanelli, Frank..... | Farmington..... | Fulton..... | 41 | Italy..... | May 21 | 1,005 |
| Maddalozzo, C..... | Peoria..... | Peoria..... | 28 | Illinois..... | May 21 | 995 |
| Magnuson, Eric..... | Danville..... | Vermilion..... | 36 | Iowa..... | Dec. 17 | 1,152 |
| Mann, Frank..... | Carterville..... | Williamson..... | 48 | Illinois..... | Sept. 10 | 1,036 |
| Mauck, Walter..... | Danville..... | Vermilion..... | 37 | Illinois..... | Dec. 17 | 1,109 |
| Meredith, Everett..... | Augusta..... | Hancock..... | 42 | Illinois..... | Sept. 10 | 1,072 |
| Meyerhoff, Theodor..... | Percy..... | Randolph..... | 47 | Illinois..... | Dec. 17 | 1,164 |
| Miller, George B..... | Aledo..... | Mercer..... | 30 | Illinois..... | Sept. 10 | 1,026 |
| Miller, Jack..... | Shelbyville..... | Shelby..... | 41 | Illinois..... | Dec. 17 | 1,149 |
| Miller, John..... | Macomb..... | McDonough..... | 43 | Illinois..... | Dec. 17 | 1,122 |
| Mills, Harry..... | Johnston City..... | Williamson..... | 54 | England..... | Sept. 10 | 1,094 |
| Morgan, Jess R..... | Ava..... | Jackson..... | 41 | Illinois..... | Sept. 10 | 1,053 |
| Mori, Marion..... | Springfield..... | Sangamon..... | 48 | Italy..... | Sept. 10 | 1,077 |
| Moore, Kenneth D..... | Rushville..... | Schuyler..... | 42 | Illinois..... | Dec. 17 | 1,133 |
| Moore, Ray..... | Equality..... | Gallatin..... | 40 | Illinois..... | Dec. 17 | 1,163 |

MINE MANAGERS—SECOND CLASS—Concluded.

| Name. | Post office. | County. | Age. | Birthplace. | Date of examination. | Number of certificate. |
|------------------------|----------------|-------------|------|---------------|----------------------|------------------------|
| Morris, P. O. | Aledo | Mercer | 44 | Illinois | Sept. 10 | 1,059 |
| Motsinger, Arthur | Pittsburg | Williamson | 52 | Illinois | Sept. 10 | 1,098 |
| Motsinger, Freeman | Pittsburg | Williamson | 24 | Illinois | Sept. 10 | 1,102 |
| Muir, T. J. | Avon | Fulton | 33 | Illinois | Sept. 10 | 1,056 |
| Murphy, Frank | Georgetown | Vermilion | 33 | West Virginia | Dec. 17 | 1,110 |
| Musatto, George | Cedar Point | LaSalle | 36 | Illinois | Dec. 17 | 1,157 |
| Oblack, Bartel | Clinton, Ind. | Vermilion | 53 | Austria | Sept. 10 | 1,087 |
| Olson, Chester A. | Rock Island | Rock Island | 47 | Ohio | May 21 | 998 |
| Osolnik, Cyril | Utica | LaSalle | 43 | Austria | Sept. 10 | 1,079 |
| Paul, Jesse William | Smithfield | Fulton | 26 | Illinois | Sept. 10 | 1,055 |
| Paul, Louis J. | Fairview | Fulton | 41 | Illinois | Sept. 10 | 1,034 |
| Patton, Lee | Peoria | Peoria | 36 | Illinois | Sept. 10 | 1,049 |
| Phillips, Benjamin F. | Ray | Schuyler | 42 | Illinois | Dec. 17 | 1,131 |
| Pilkington, Clarence | Danville | Vermilion | 43 | Illinois | Dec. 17 | 1,121 |
| Platt, George H. | Henry | Marshall | 46 | Pennsylvania | Dec. 17 | 1,116 |
| Pobanz, Ralph G. | Moline | Rock Island | 26 | Illinois | Dec. 17 | 1,130 |
| Pointer, Roland M. | Abingdon | Knox | 34 | Illinois | Sept. 10 | 1,033 |
| Proffer, Mose | Marion | Williamson | 43 | Missouri | Sept. 10 | 1,081 |
| Rachke, Nicholas | Princeville | Peoria | 44 | Austria | May 21 | 1,019 |
| Reed, Frank | Mt. Carmel | Wabash | 26 | Indiana | Sept. 10 | 1,075 |
| Rimbey, Russel | Athensville | Greene | 37 | Illinois | Dec. 17 | 1,139 |
| Rinaldo, Joe | Mapleton | Peoria | 34 | Illinois | May 21 | 993 |
| Ripka, Elmer | Kewanee | Henry | 47 | Illinois | Sept. 10 | 1,103 |
| Ripka, Louis W. | Kewanee | Henry | 42 | Illinois | Sept. 10 | 1,064 |
| Rippon, James | Westville | Vermilion | 31 | England | Dec. 17 | 1,144 |
| Rothe, Otto F. | Jerseyville | Jersey | 44 | Illinois | Dec. 17 | 1,115 |
| Ruggeri, Barney | Farmington | Fulton | 38 | Italy | May 21 | 1,016 |
| Ruggeri, Tony | Oak Hill | Peoria | 39 | Italy | May 21 | 1,010 |
| Saotini, Louis | Bethalto | Madison | 28 | Pennsylvania | Dec. 17 | 1,123 |
| Scarce, Oscar | Grape Creek | Vermilion | 26 | Illinois | Dec. 17 | 1,140 |
| Schaefer, William F. | Danville | Vermilion | 50 | Illinois | Dec. 17 | 1,117 |
| Scott, William | Kingston Mines | Peoria | 38 | Illinois | May 21 | 992 |
| Sexton, Herbert | Baldwin | Randolph | 39 | Kentucky | Dec. 17 | 1,150 |
| Shackelford, Arthur D. | Marion | Williamson | 35 | Illinois | May 21 | 989 |
| Shanks, Archie | Littleton | Schuyler | 32 | Illinois | Sept. 10 | 1,106 |
| Sherwood, Joseph | Elmwood | Peoria | 25 | Nebraska | Sept. 10 | 1,092 |
| Siepel, Joseph C. | Glasford | Peoria | 54 | Illinois | May 21 | 1,000 |
| Smith, Bert | Athensville | Greene | 50 | Illinois | Dec. 17 | 1,127 |
| Smith, Charles | Viola | Mercer | 31 | Illinois | Sept. 10 | 1,028 |
| Smith, R. C. | Aledo | Mercer | 32 | Illinois | Sept. 10 | 1,027 |
| Smith, S. O. | Aledo | Mercer | 41 | Illinois | Sept. 10 | 1,030 |
| Smith, Wilbur L. | Aledo | Mercer | 39 | Illinois | Sept. 10 | 1,029 |
| Snyder, John | Canton | Fulton | 36 | Croatia | Sept. 10 | 1,066 |
| Sporrich, Steve | Danville | Vermilion | 43 | Jugo-Slavia | May 21 | 1,012 |
| Staff, Charles E. | Marion | Williamson | 50 | Missouri | May 21 | 996 |
| Stahlheber, August C. | Freeburg | St. Clair | 56 | Illinois | Dec. 17 | 1,146 |
| Standacher, Charley | Marion | Williamson | 44 | Illinois | Sept. 10 | 1,042 |
| Stephenson, Clyde G. | Cuba | Fulton | 27 | Illinois | May 21 | 1,003 |
| Stevenor, Gus. | St. David | Fulton | 45 | Pennsylvania | May 21 | 1,004 |
| Stockham, George H. | Lewistown | Fulton | 45 | England | Sept. 10 | 1,091 |
| Stokes, Joseph | Canton | Fulton | 50 | England | Dec. 17 | 1,137 |
| Stone, Cecil G. | Geneseo | Henry | 33 | Indiana | Sept. 10 | 1,080 |
| Stoncking, John C. | Littleton | McDonough | 51 | Illinois | Sept. 10 | 1,071 |
| Stotler, Dick | Littleton | Schuyler | 35 | Illinois | Sept. 10 | 1,060 |
| Strobel, Amos | Equality | Gallatin | 41 | Illinois | May 21 | 1,001 |
| Surrock, Edward | Streator | LaSalle | 45 | Illinois | Dec. 17 | 1,113 |
| Thompson, Delos | Ipava | Fulton | 38 | Illinois | May 21 | 1,007 |
| Travis, William | Belleville | St. Clair | 66 | Illinois | Sept. 10 | 1,043 |
| Tubb, Amos | Shelbyville | Shelby | 50 | Missouri | Sept. 10 | 1,070 |
| Vincent, Clyde | Ray | Schuyler | 42 | Illinois | Dec. 17 | 1,119 |
| Von Ach, August | Cuba | Fulton | 52 | Illinois | Dec. 17 | 1,126 |
| Wagenblast, Earl | Jerseyville | Jersey | 24 | Illinois | Dec. 17 | 1,114 |
| Walker, Lorenzo | Canton | Fulton | 54 | Illinois | Dec. 17 | 1,141 |
| Walter, Henry | Lenzburg | St. Clair | 48 | Illinois | Dec. 17 | 1,145 |
| White, Edgar M. | Johnston City | Williamson | 52 | Illinois | Sept. 10 | 1,045 |
| White, Jess M. | Geneseo | Henry | 44 | Illinois | Sept. 10 | 1,105 |
| Whitehead, Logan | Lewistown | Fulton | 44 | Illinois | Dec. 17 | 1,138 |
| Wilson, F. T. | Willisville | Perry | 65 | Illinois | Sept. 10 | 1,052 |
| Wimsett, George Melvin | Georgetown | Vermilion | 37 | Illinois | Dec. 17 | 1,112 |
| Winchell, Jesse | Abingdon | Knox | 47 | Illinois | Sept. 10 | 1,037 |
| Witcher, John | Canton | Fulton | 59 | Illinois | Sept. 10 | 1,065 |
| Wray, George | Pontiac | Livingston | 47 | England | May 21 | 990 |
| Wright, John | Spring Valley | Bureau | 43 | Illinois | May 21 | 1,018 |
| Young, Don B. | Bartonville | Peoria | 27 | Illinois | May 21 | 1,006 |
| Zaborac, Albert | St. David | Fulton | 37 | Illinois | May 21 | 1,002 |

ELECTRICAL HOISTING ENGINEERS.

| Name. | Post office. | County. | Age. | Birthplace. | Date of exam-ination. | Number of cer-tificate. |
|----------------------|---------------|-------------|------|-------------|-----------------------|-------------------------|
| Allen, Ellsworth | Streator | LaSalle | 44 | Illinois | Sept. 10 | 512 |
| Ashley, George L. | Gillespie | Macoupin | 33 | Iowa | Dec. 17 | 530 |
| Bunker, Frank L. | Springfield | Sangamon | 38 | Austria | Dec. 17 | 524 |
| Casassa, Joseph B. | Spring Valley | Bureau | 44 | Illinois | Dec. 17 | 529 |
| Crawford, Harold E. | Fairmount | Vermilion | 31 | Illinois | Dec. 17 | 525 |
| Crawford, James H. | Oakwood | Vermilion | 53 | Illinois | Sept. 10 | 510 |
| Dickhaut, Henry O. | Mascoutah | St. Clair | 40 | Illinois | May 21 | 503 |
| Dougherty, Joseph W. | Taylorville | Christian | 24 | Illinois | May 21 | 502 |
| Dove, Charles W. | O'Fallon | St. Clair | 52 | Illinois | Dec. 17 | 521 |
| Fischer, George A. | O'Fallon | St. Clair | 63 | Illinois | Dec. 17 | 523 |
| Johnson, Calvin Loid | Eldorado | Saline | 37 | Illinois | Sept. 10 | 517 |
| Jones, Henry | Springfield | Sangamon | 46 | Illinois | May 21 | 500 |
| Kelly, Robert D. | Nokomis | Montgomery | 62 | Scotland | May 21 | 505 |
| Kingston, Ray | Shelbyville | Shelby | 44 | Illinois | Dec. 17 | 527 |
| Lawson, Clinton J. | Galesburg | Knox | 26 | Illinois | Dec. 17 | 522 |
| Loeffler, Adolph E. | O'Fallon | St. Clair | 58 | Illinois | Sept. 10 | 514 |
| McCormick, Clarence | DuQuoin | Perry | 22 | Illinois | Sept. 10 | 506 |
| Mielke, John E. | Coal Valley | Rock Island | 39 | Illinois | Sept. 10 | 518 |
| Munts, Leslie | Streator | LaSalle | 28 | Illinois | Dec. 17 | 520 |
| Nichols, Carl | Springfield | Sangamon | 35 | Illinois | Sept. 10 | 519 |
| Phillips, Walter W. | Johnston City | Williamson | 33 | Illinois | Sept. 10 | 508 |
| Ragsdale, Thomas F. | Taylorville | Christian | 25 | Illinois | Sept. 10 | 509 |
| Schroeder, Edward | Pekin | Tazewell | 48 | Wisconsin | Sept. 10 | 507 |
| Smith, Paul R. | Sullivan | Moultrie | 40 | Illinois | Sept. 10 | 516 |
| Stephenson, Edward | Conants | Perry | 25 | Illinois | May 21 | 501 |
| Stokes, Parnell | Taylorville | Christian | 40 | Illinois | Dec. 17 | 523 |
| Tate, Frank | Springfield | Sangamon | 40 | Illinois | May 21 | 504 |
| Thomas, Chester | Tilton | Vermilion | 22 | Illinois | Dec. 17 | 526 |
| Vandalli, John | Farmington | Fulton | 39 | Italy | Sept. 10 | 511 |
| Wertz, George E. | Orion | Henry | 28 | Illinois | Sept. 10 | 515 |
| Wunderlich, Russel | Lenzburg | St. Clair | 37 | Illinois | Sept. 10 | 513 |

STEAM HOISTING ENGINEERS.

| Name. | Post office. | County. | Age. | Birthplace. | Date of exam-ination. | Number of cer-tificate. |
|----------------------|--------------|------------|------|-------------|-----------------------|-------------------------|
| Atchley, Otto | Carmi | White | 38 | Illinois | Sept. 10 | 708 |
| Caley, Charles | Palestine | Crawford | 63 | Illinois | Dec. 17 | 717 |
| Conder, Andrew, Jr. | Virden | Macoupin | 37 | Illinois | May 21 | 697 |
| Dallefeld, Walter E. | Ellisville | Fulton | 36 | Illinois | Sept. 10 | 712 |
| Dougherty, Joe W. | Taylorville | Christian | 25 | Illinois | Sept. 10 | 703 |
| Dowling, William E. | Springfield | Sangamon | 35 | Illinois | May 21 | 696 |
| Hines, Clarence G. | Minonk | Woodford | 35 | Indiana | Sept. 10 | 713 |
| Humphrey, James E. | Mascoutah | St. Clair | 38 | Illinois | May 21 | 701 |
| Legendre, Lorraine | New Athens | St. Clair | 35 | Illinois | Dec. 17 | 716 |
| Lucker, F. C. | Pinkneyville | Perry | 34 | Illinois | Dec. 17 | 715 |
| McCormick, Clarence | DuQuoin | Perry | 22 | Illinois | May 21 | 700 |
| Manion, Noble | DuQuoin | Perry | 28 | Illinois | Sept. 10 | 709 |
| Overbeck, Fred H. | Sandoval | Marion | 37 | Missouri | Sept. 10 | 706 |
| Rhodes, Herb. | Edinburg | Christian | 38 | Illinois | May 21 | 698 |
| Schmidt, Ernest | Pittsburg | Williamson | 31 | Illinois | May 21 | 695 |
| Sullivan, Keith P. | Ellisville | Fulton | 28 | Illinois | Sept. 10 | 711 |
| Waldman, Edwin E. | Dubois | Washington | 32 | Illinois | Sept. 10 | 710 |
| Washbond, James J. | Riverton | Sangamon | 47 | Illinois | May 21 | 699 |
| Wasson, Charles A. | Springfield | Sangamon | 28 | Arkansas | Sept. 10 | 707 |
| Westwood, Udell | Belleville | St. Clair | 27 | Illinois | May 21 | 702 |
| White, Harry | Petersburg | Menard | 61 | Illinois | Sept. 10 | 704 |
| Wilson, Clarence W. | Pinkneyville | Perry | 45 | Indiana | Dec. 17 | 714 |
| Woolbright, Harry O. | Centraha | Marion | 29 | Illinois | Sept. 10 | 705 |

MINE EXAMINERS.

| Name. | Post office. | County. | Age. | Birthplace. | Date of examination. | Number of certificate. |
|-------------------------|-----------------|-------------|------|---------------|----------------------|------------------------|
| Auten, O. O. | Eldorado. | Saline. | 46 | Illinois. | Sept. 11 | 2,087 |
| Balagna, Lester. | Farmington. | Fulton. | 35 | Italy. | May 21 | 2,079 |
| Ballard, Ben. | Eldorado. | Saline. | 32 | Illinois. | Dec. 17 | 2,097 |
| Bishop, Grover. | Eldorado. | Saline. | 48 | Illinois. | Dec. 17 | 2,103 |
| Buckrod, Joseph, Jr. | Belleville. | St. Clair. | 28 | Illinois. | Sept. 11 | 2,084 |
| Carr, Sam. | Eldorado. | Saline. | 45 | Illinois. | May 21 | 2,073 |
| Dawson, George H. | Orion. | Henry. | 45 | Illinois. | Sept. 11 | 2,091 |
| Dudas, Michael S. | Mt. Olive. | Macoupin. | 27 | Illinois. | Dec. 17 | 2,098 |
| Flynn, Gilbert Bernard. | Rutland. | LaSalle. | 21 | Illinois. | Dec. 17 | 2,094 |
| France, Clifford. | Livingston. | Madison. | 34 | Illinois. | May 21 | 2,081 |
| France, Joe. | Staunton. | Macoupin. | 31 | Illinois. | May 21 | 2,080 |
| Galeener, Percy W. | Eldorado. | Saline. | 21 | Illinois. | Dec. 17 | 2,099 |
| Gavillet, Eugene. | Collinsville. | Madison. | 29 | Illinois. | Sept. 11 | 2,085 |
| Hamilton, Virgil. | DuQuoin. | Perry. | 34 | Illinois. | May 21 | 2,074 |
| Harbison, J. C. | Eldorado. | Saline. | 52 | Illinois. | May 21 | 2,072 |
| Hitt, John. | Tameroa. | Perry. | 31 | Illinois. | May 21 | 2,075 |
| Holecheck, Emil. | Mt. Olive. | Macoupin. | 24 | Illinois. | May 21 | 2,071 |
| Jones, Thomas. | Decatur. | Macon. | 34 | England. | May 21 | 2,077 |
| Keil, Ted J. | Dubois. | Washington. | 30 | Illinois. | Sept. 11 | 2,092 |
| Knight, Thomas B. | Edwards. | Peoria. | 49 | Texas. | Sept. 11 | 2,090 |
| Knoll, Alfred P. | Minonk. | Woodford. | 56 | Pennsylvania. | Dec. 17 | 2,102 |
| Mitchell, Thomas. | DuQuoin. | Perry. | 58 | England. | Dec. 17 | 2,100 |
| Moore, Joseph J. | Chicago. | Cook. | 30 | Kansas. | Dec. 17 | 2,104 |
| Moore, William. | Benton. | Franklin. | 26 | Illinois. | Sept. 11 | 2,093 |
| Orme, John. | Springfield. | Sangamon. | 34 | England. | May 21 | 2,083 |
| Pollock, B. Lowery. | West Frankfort. | Franklin. | 29 | Illinois. | Sept. 11 | 2,089 |
| Searee, John, Jr. | Danville. | Vermilion. | 35 | Illinois. | May 21 | 2,082 |
| Siddens, Callie. | Penton. | Franklin. | 27 | Illinois. | Dec. 17 | 2,095 |
| Vukelic, John. | Mt. Olive. | Macoupin. | 29 | Illinois. | May 21 | 2,076 |
| White, Charles H. | Harrisburg. | Saline. | 51 | Illinois. | Sept. 11 | 2,086 |
| White, Jesse L. | Eldorado. | Saline. | 28 | Illinois. | Dec. 17 | 2,096 |
| Witten, W. E. | Harrisburg. | Saline. | 31 | Kentucky. | Sept. 11 | 2,088 |
| Youngber, Julius. | DuQuoin. | Perry. | 37 | Illinois. | Dec. 17 | 2,101 |

PERMITS GRANTED TO OPERATE SECOND MOTION ENGINES.

| Name. | Post office. | County. | Age. | Birthplace. | Date of permit. | Number of permit. |
|-----------------------|-----------------|-------------|------|---------------|-----------------|-------------------|
| Allen, Ellsworth | Streator | LaSalle | 44 | Illinois | Feb. 14 | 322 |
| Balster, William E. | Bethalto | Madison | 46 | Illinois | Apr. 28 | 334 |
| Barnett, Homer | DeSoto | Jackson | 31 | Illinois | Feb. 19 | 324 |
| Bennett, John | Equality | Gallatin | 23 | Illinois | July 10 | 343 |
| Beyer, Lawrence L. | Kewanee | Henry | 26 | Illinois | June 14 | 342 |
| Biava, Joe | Westville | Vermilion | 50 | Italy | Apr. 11 | 332 |
| Bremming, Henry | Sparta | Randolph | 40 | Illinois | Feb. 19 | 325 |
| Brockschmidt, Adolph | Venedy | Washington | 47 | Illinois | Feb. 6 | 319 |
| Brons, Joe | Norris | Fulton | 46 | Illinois | Dec. 18 | 363 |
| Brown, Earl E. | Bellmont | Wabash | 30 | Illinois | Oct. 23 | 356 |
| Brown, Thomas M. | DeSoto | Jackson | 28 | Illinois | Feb. 8 | 320 |
| Carty, Eldon | Ray | Schuyler | 22 | Illinois | Jan. 30 | 317 |
| Challans, R. E. | Chesterfield | Macoupin | 24 | Illinois | Sept. 5 | 348 |
| Cron, George | Streator | LaSalle | 49 | Illinois | May 9 | 338 |
| Daniels, Ross | Summaum | Fulton | 24 | Illinois | Jan. 29 | 315 |
| Ellenberg, Harlan | Cutler | Perry | 21 | West Virginia | Jan. 2 | 309 |
| Fairleigh, August | Sparta | Randolph | 40 | Missouri | Oct. 31 | 359 |
| Ferry, Guy | Rock Island | Rock Island | 22 | Illinois | May 26 | 340 |
| George, Henry | Danville | Vermilion | 60 | Indiana | Jan. 15 | 313 |
| Guenther, Erwin | Baldwin | Randolph | 26 | Illinois | Oct. 24 | 357 |
| Gunn, Allen | Tallula | Menard | 24 | Illinois | Aug. 8 | 347 |
| Hausman, Henry | Brighton | Macoupin | 22 | Kansas | Sept. 14 | 351 |
| Higgerson, Clifford | Cutler | Perry | 33 | Illinois | Sept. 10 | 350 |
| Hunt, Roy | Pleasant Plains | Sangamon | 41 | Illinois | Dec. 18 | 364 |
| Huston, Orville | Winchester | Scott | 22 | Illinois | Mar. 12 | 328 |
| Jenkins, Edward E. | Keensburg | Wabash | 23 | Indiana | July 17 | 344 |
| Josta, Lewis | Norris | Fulton | 42 | Italy | Sept. 18 | 352 |
| Kinnah, Harold | Princeville | Peoria | 23 | Illinois | May 5 | 336 |
| Klesath, J. H. | Rutland | LaSalle | 53 | Illinois | Apr. 7 | 330 |
| Lacey, Henry E. | Danville | Vermilion | 49 | Illinois | Jan. 15 | 312 |
| Laws, Thomas R. | DuQuoin | Perry | 34 | Illinois | Sept. 27 | 353 |
| Legg, W. C. | Bellmont | Wabash | 38 | Illinois | May 7 | 337 |
| Lill, Edmund | Belleville | St. Clair | 55 | Illinois | Feb. 9 | 321 |
| Lingenfelter, Bruce | Canton | Fulton | 28 | Illinois | Jan. 22 | 314 |
| Little, Dooley | Carbondale | Jackson | 25 | Illinois | Sept. 27 | 354 |
| Macklin, Clarence | Canton | Fulton | 48 | Iowa | Apr. 9 | 331 |
| Othen, Fred W. | Tallula | Menard | 37 | Illinois | Feb. 5 | 318 |
| Petrella, Lon A. | Springfield | Sangamon | 32 | Italy | Apr. 23 | 333 |
| Power, Lee | Petersburg | Menard | 40 | Illinois | Feb. 20 | 326 |
| Presswood, Cullin | Tamaroa | Perry | 27 | Illinois | Dec. 14 | 362 |
| Rachke, Nicholas | Princeville | Peoria | 44 | Austria | May 5 | 335 |
| Rhodes, Herb | Edinburg | Christian | 38 | Illinois | Apr. 5 | 329 |
| Rhodes, Ira E. | Petersburg | Menard | 44 | Illinois | Nov. 28 | 361 |
| Roberts, William | Tamaroa | Perry | 29 | Illinois | Aug. 7 | 346 |
| Rushford, Andrew, Jr. | Pekin | Tazewell | 37 | Iowa | Oct. 30 | 358 |
| Seloti, Joe | Pontiac | Livingston | 33 | Illinois | Jan. 3 | 311 |
| Sexton, Edgar | Canton | Fulton | 42 | Illinois | Nov. 19 | 360 |
| Sheckler, George | Ellisville | Fulton | 27 | Illinois | Oct. 17 | 355 |
| Stell, Win | Canton | Fulton | 54 | Illinois | Jan. 29 | 316 |
| Trout, Earl | Marion | Williamson | 27 | Illinois | Sept. 6 | 349 |
| Waldmann, Edwin E. | Dubois | Washington | 32 | Illinois | May 21 | 339 |
| White, Harry | Petersburg | Menard | 61 | Illinois | Aug. 7 | 345 |
| Wilson, W. S. | Sparta | Randolph | 49 | Illinois | Feb. 14 | 323 |
| Woodard, Bart | Fithian | Vermilion | 49 | Illinois | Feb. 28 | 327 |
| Yuhas, George | Streator | LaSalle | 39 | Austria | Jan. 2 | 310 |

